

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

**APPLICATION FOR PERMIT TO DRILL OR REENTER**

5. Lease Serial No.  
UTU-61401

6. If Indian, Allottee or Tribe Name

1a. Type of work:  DRILL  REENTER

7. If Unit or CA Agreement, Name and No.

1b. Type of Well:  Oil Well  Gas Well  Other  Single Zone  Multiple Zone

8. Lease Name and Well No.  
HOSS 12-31

2. Name of Operator  
EOG RESOURCES, INC

9. API Well No.  
43-047-38656

3a. Address 1060 EAST HIGHWAY 40  
VERNAL, UT 84078

3b. Phone No. (include area code)  
435-781-9111

10. Field and Pool, or Exploratory  
NATURAL BUTTES

4. Location of Well (Report location clearly and in accordance with any State requirements.)  
At surface 1980 FNL 1980 FEL SWNE 40.081047 LAT 109.367442 LON  
At proposed prod. zone SAME 639253X 40.081078  
4437824Y -109.366779

11. Sec., T. R. M. or Blk. and Survey or Area  
SECTION 31, T8S, R23E S.L.B.&M

14. Distance in miles and direction from nearest town or post office\*  
37.4 MILES SOUTH OF VERNAL, UTAH

12. County or Parish  
UINTAH

13. State  
UT

15. Distance from proposed\* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) 1980 LEASE LINE 660 DRILLING LINE

16. No. of acres in lease  
629

17. Spacing Unit dedicated to this well

18. Distance from proposed location\* to nearest well, drilling, completed, applied for, on this lease, ft. 4800

19. Proposed Depth  
9840

20. BLM/BIA Bond No. on file  
NM 2308

21. Elevations (Show whether DF, KDB, RT, GL, etc.)  
4886 GL

22. Approximate date work will start\*

23. Estimated duration  
45 DAYS

**24. Attachments**

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No. 1, must be attached to this form:

- |  |   |
|--|---|
| 1. Well plat certified by a registered surveyor.   | 4. Bond to cover the operations unless covered by an existing bond on file (see item 20 above). |
| 2. A Drilling Plan.  | 5. Operator certification   |
| 3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO must be filed with the appropriate Forest Service Office). | 6. Such other site specific information and/or plans as may be required by the BLM.             |

25. Signature 	Name (Printed/Typed) KAYLENE R. GARDNER	Date 08/19/2006
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Title SR. REGULATORY ASSISTANT		
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Approved by (Signature) 	Name (Printed/Typed) BRADLEY G. HILL	Date 08-27-06
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Title OFFICE ENVIRONMENTAL MANAGER		
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Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.  
Conditions of approval, if any, are attached.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

\*(Instructions on page 2)

RECEIVED

SEP 26 2006

Federal Approval of this  
Action is Necessary

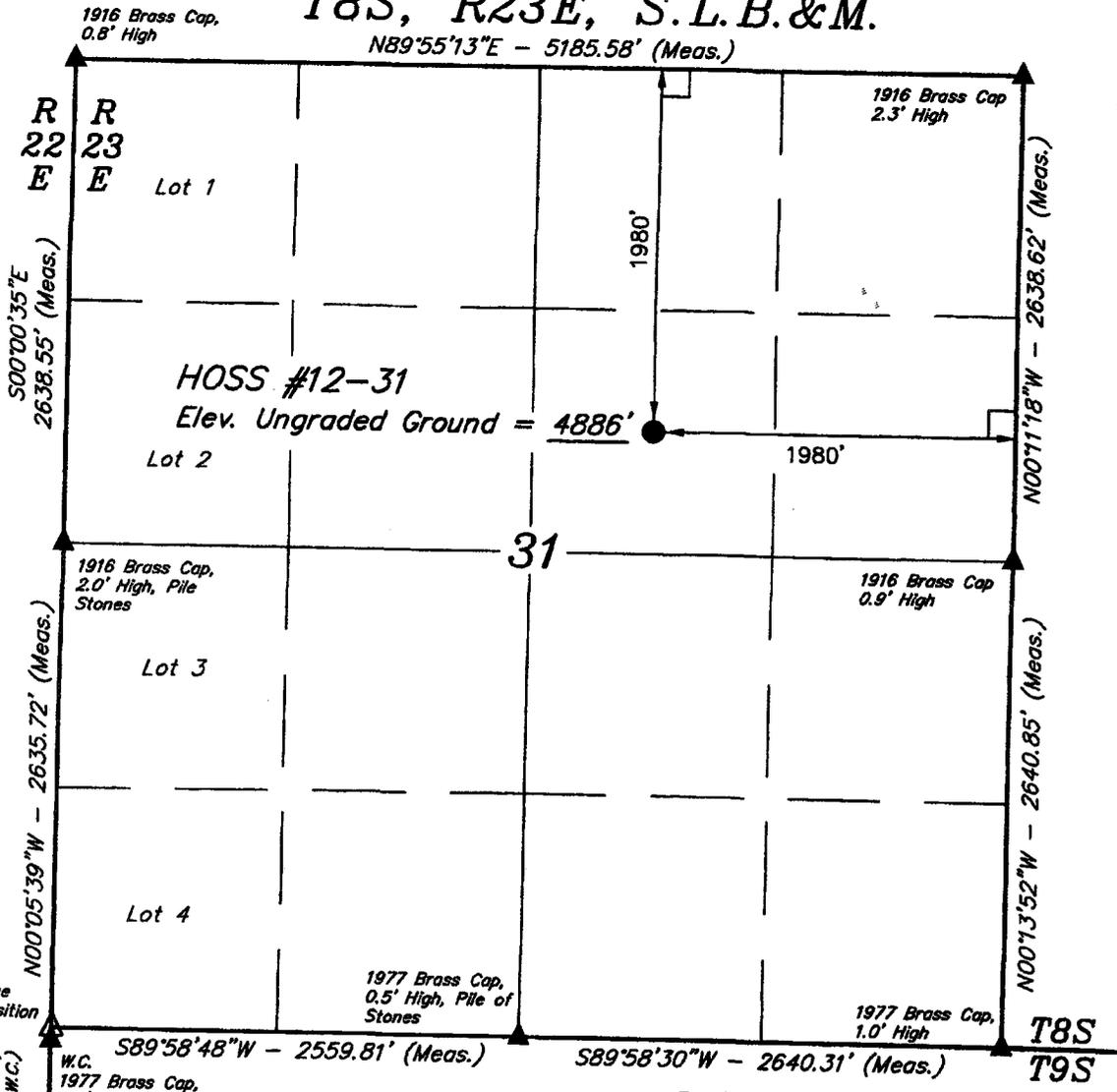
MINING

# T8S, R23E, S.L.B.&M.

## EOG RESOURCES, INC.

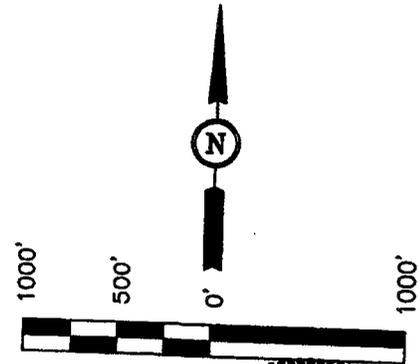
Well location, HOSS #12-31, located as shown in the SW 1/4 NE 1/4 of Section 31, T8S, R23E, S.L.B.&M., Uintah County, Utah.

N89°55'13"E - 5185.58' (Meas.)



### BASIS OF ELEVATION

BENCH MARK 20EAM LOCATED IN THE SE 1/4 OF SECTION 35, T8S, R21E, S.L.B.&M. TAKEN FROM THE OURAY SE, QUADRANGLE, UTAH, UTAH COUNTY, 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 4697 FEET.



THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEY MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

**KAY**  
REGISTERED LAND SURVEYOR  
REGISTRATION NO. 161319  
STATE OF UTAH

### BASIS OF BEARINGS

BASIS OF BEARINGS IS A G.P.S. OBSERVATION.

(NAD 83)  
 LATITUDE = 40°04'51.77" (40.081047)  
 LONGITUDE = 109°22'02.79" (109.367442)  
 (NAD 27)  
 LATITUDE = 40°04'51.90" (40.081083)  
 LONGITUDE = 109°22'00.34" (109.366761)

Sec. 6

### LEGEND:

- └─┘ = 90° SYMBOL
- = PROPOSED WELL HEAD.
- ▲ = SECTION CORNERS LOCATED.

W 1/4 Cor. Sec. 6,  
1977 Brass Cap, 0.8'  
High, Pile of Stones,  
Set Stone

<b>UINTAH ENGINEERING &amp; LAND SURVEYING</b>		
85 SOUTH 200 EAST - VERNAL, UTAH 84078		
(435) 789-1017		
SCALE 1" = 1000'	DATE SURVEYED: 06-20-06	DATE DRAWN: 06-28-06
PARTY T.A.    B.C.    L.K.	REFERENCES G.L.O. PLAT	
WEATHER HOT	FILE EOG RESOURCES, INC.	

**EIGHT POINT PLAN**

**HOSS 12-31**

**SW/NE, SEC. 31, T8S, R23E, S.L.B.&M..**

**UINTAH COUNTY, UTAH**

**1. & 2. ESTIMATED TOPS & ANTICIPATED OIL, GAS, & WATER ZONES:**

<b>FORMATION</b>	<b>DEPTH (KB)</b>
Green River FM	2,118'
Wasatch	5,111'
Chapita Wells	5,775'
Buck Canyon	6,448'
North Horn	7,054'
KMV Price River	7,604'
KMV Price River Middle	8,414'
KMV Price River Lower	9,263'
Sego	9,619'

Estimated TD: **9,840' or 200'± below Sego top**

**Anticipated BHP: 5,375 Psig**

1. Fresh Waters may exist in the upper, approximately 1,000 ft ± of the Green River Formation, with top at about 2,000 ft ±.
2. Cement isolation is installed to surface of the well isolating all zones by cement.

EOG Resources, Inc. requests authorization for commingling of production from the Wasatch and Mesaverde formations in the referenced wellbore. In the event allocation of production is necessary, the allocation will be based on proportionate net pay as calculated from open hole logs. Production from the Wasatch and Mesaverde formations will be commingled in the wellbore and produced through open ended 2-3/8" tubing landed below all perforations in the 4-1/2" production casing.

Attached is a map showing the location of all wells on contiguous oil and gas leases or drilling units and an affidavit showing that this application has been provided to owners of all contiguous oil and gas leases or drilling units overlying the pool.

**3. PRESSURE CONTROL EQUIPMENT:**

Production Hole – 5000 Psig  
BOP schematic diagrams attached.

**4. CASING PROGRAM:**

	<b><u>HOLE SIZE</u></b>	<b><u>INTERVAL</u></b>	<b><u>SIZE</u></b>	<b><u>WEIGHT</u></b>	<b><u>GRADE</u></b>	<b><u>THREAD</u></b>	<b><u>RATING FACTOR</u></b>		
							<b><u>COLLAPSE</u></b>	<b><u>BURST</u></b>	<b><u>TENSILE</u></b>
<b>Conductor:</b>	17 1/2"	0' – 45'	13 3/8"	48.0#	H-40	STC	770 PSI	1730 PSI	322,000#
<b>Surface</b>	12-1/4"	45' – 2,300'KB±	9-5/8"	36.0#	J-55	STC	2020 PSI	3520 Psi	394,000#
<b>Production:</b>	7-7/8"	2,300'± – TD	4-1/2"	11.6#	P-110	LTC	7560 PSI	10,710 Psi	284,000#

## EIGHT POINT PLAN

### HOSS 12-31

SW/NE, SEC. 31, T8S, R23E, S.L.B.&M.  
UINTAH COUNTY, UTAH

**Note:** 12-1/4" surface hole will be drilled to a total depth of 200'± below the base of the Green River lost circulation zone and cased w/9-5/8" as shown to that depth. Drilled depth may be shallower or deeper than the 2300' shown above depending on the actual depth of the loss zone. **All casing will be new or inspected.**

#### **5. Float Equipment:**

##### **Surface Hole Procedure (0' - 2300'±)**

Guide Shoe

Insert Float Collar (PDC drillable)

Centralizers: 1-5' above shoe, top of jts. #2 and #3 then every 5<sup>th</sup> joint to surface. (15 total)

##### **Float Equipment: (Cont'd)**

##### **Production Hole Procedure (2300'± - TD):**

Float shoe, 1 joint casing, float collar and balance of casing to surface. 4-1/2", 11.6#, N-80 or equivalent marker collars or short casing joints to be placed at top of Price River and 400' above top of Wasatch. Centralizers to be placed 5' above shoe on joint #1, top of joint #2, and every 2nd joint to 400' above Wasatch Island top. Thread lock float shoe, top and bottom of float collar, and top of 2<sup>nd</sup> joint.

#### **6. MUD PROGRAM**

##### **Surface Hole Procedure (Surface - 2300'±):**

Air/air mist or aerated water.

**Production Hole Procedure (2300'± - TD):** Anticipated mud weight 9.5 – 10.5 ppg depending on actual wellbore conditions encountered while drilling.

**2300'± - TD** A closed mud system will be utilized. A bentonite gelled water mud system will be used to control viscosity w/PHPA polymer used for supplemental viscosity and clay encapsulation/inhibition. Water loss will be maintained at <15cc's using white starch or PAC. Bactericides will be used as needed. Anticipated pH will range from 9.0-10.0. Mud weight will be adjusted as necessary for well control. Deflocculants/thinners will be used as necessary to maintain mud quality. LCM sweeps will be utilized as necessary to control lost circulation and mud loss. CO2 contamination, if encountered, will be treated with lime and gypsum.

**EIGHT POINT PLAN**

**HOSS 12-31**

**SW/NE, SEC. 31, T8S, R23E, S.L.B.&M.**  
**UINTAH COUNTY, UTAH**

**7. VARIANCE REQUESTS:**

**Reference:** Onshore Oil and Gas Order No. 2 – Item E: Special Drilling Operations

EOG Resources, Inc. requests a variance to regulations requiring the blooie line to be 100' in length. Due to reduce location excavation, the blooie line will be approximately 75' in length

**8. EVALUATION PROGRAM:**

**Logs:** Mud log from base of surface casing to TD.  
**Cased-hole Logs:** Cased-hole logs will be run in lieu of open-hole logs consisting of the following:  
**Cement Bond / Casing Collar Locator and Pulsed Neutron**

**9. CEMENT PROGRAM:**

**Surface Hole Procedure (Surface - 2300'±):**

**Lead:** Class "G" cement with 16% Gel, 10 #/sx Gilsonite, 3% Salt, 2% CaCl<sub>2</sub>, 3 lb/sx GR3 ¼ #/sx Flocele mixed at 11 ppg, 3.82 ft<sup>3</sup>/sk. yield, 23 gps water.

**Tail:** Class "G" cement with 2% CaCl<sub>2</sub>, ¼#/sk Flocele mixed at 15.6 ppg, 1.18 ft<sup>3</sup>/sk., 5.2 gps water.

**Top Out:** As necessary with Class "G" cement with 2% CaCl<sub>2</sub>, ¼#/sk Flocele mixed at 15.6 ppg, 1.18 ft<sup>3</sup>/sk., 5.2 gps water.

**Note:** Cement volumes will be calculated to bring lead cement to surface and tail cement to 500' above the casing shoe.

**Production Hole Procedure (2300'± - TD)**

**Lead:** 162 sks: Hi-Lift "G" w/12% D20 (Bentonite), 1% D79 (Extender), 5% D44 (Salt), 0.2% D46 (Antifoam), 0.25% D112 (Fluid Loss Additive), 0.25 pps D29 (cello flakes) mixed at 11.0 ppg, 3.91 ft<sup>3</sup>/sk., 24.5 gps water.

**Tail:** 915 sks: 50:50 Poz "G" w/ 2% D20 (Bentonite), 0.1% D46 (Antifoam), 0.075% D13 (Retarder), 0.2% D167 (Fluid Loss Additive), 0.2% D65 (Dispersant), mixed at 14.1 ppg, 1.28 ft<sup>3</sup>/sk., 5.9 gps water.

**EIGHT POINT PLAN**

**HOSS 12-31**

**SW/NE, SEC. 31, T8S, R23E, S.L.B.&M.**  
**UINTAH COUNTY, UTAH**

**Note:** The above number of sacks is based on gauge-hole calculation.  
Lead volume to be calculated to bring cement to 200'± above 9-5/8" casing shoe.  
Tail volume to be calculated to bring cement to 400'± above top of Wasatch.  
**Final Cement volumes will be based upon gauge-hole plus 45% excess.**

**10. ABNORMAL CONDITIONS:**

**Surface Hole (Surface - 2300'±):**

Lost circulation

**Production Hole (2300'± - TD):**

Sloughing shales, lost circulation and key seat development are possible in the Wasatch Formation.

**11. STANDARD REQUIRED EQUIPMENT:**

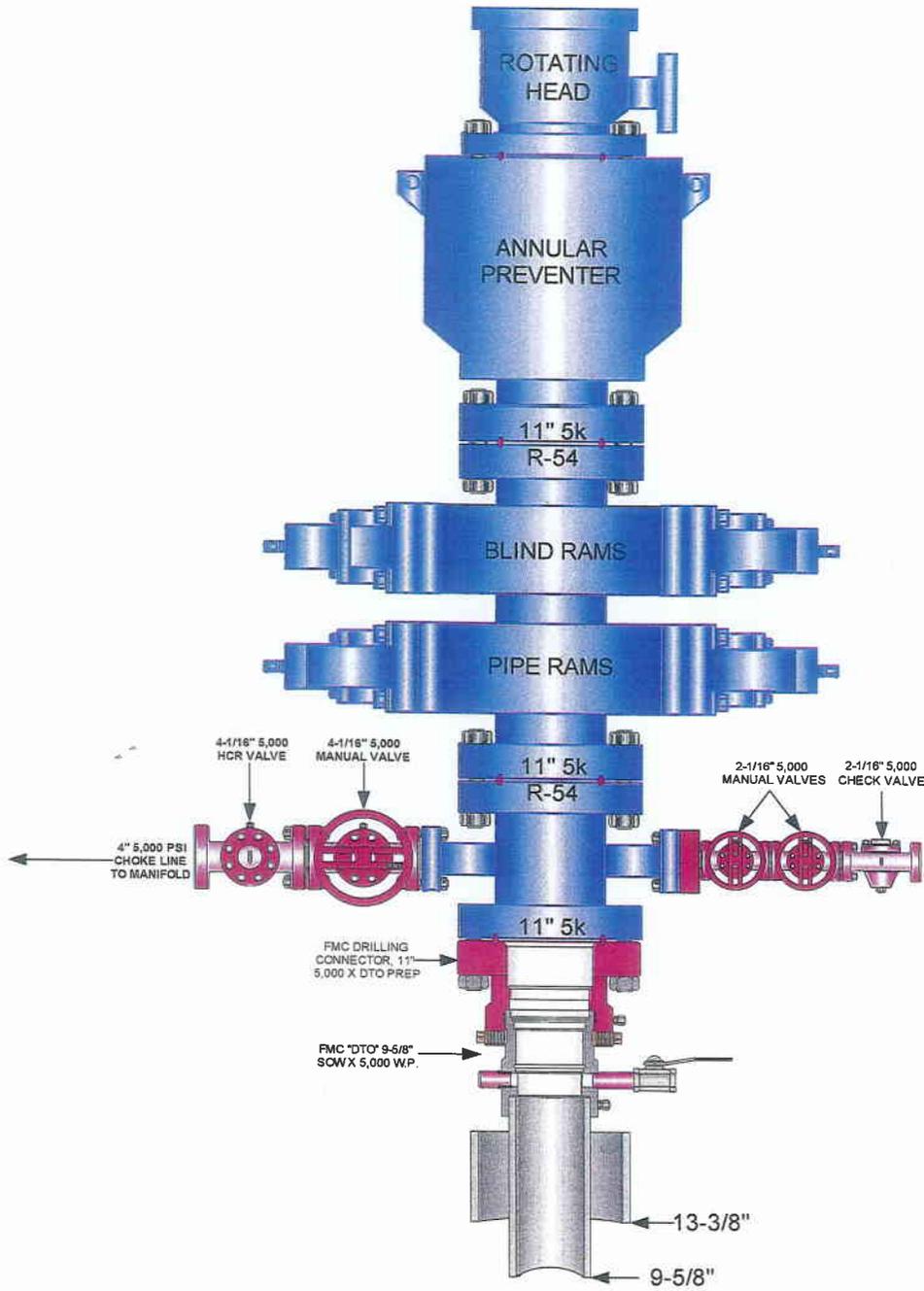
- A. Choke Manifold
- B. Upper and Lower Kelly Cock
- C. Stabbing Valve
- D. Visual Mud Monitoring

**12. HAZARDOUS CHEMICALS:**

No chemicals subject to reporting under SARA title III in an amount equal to or greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling of this well. Furthermore, no extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will be used, produced, stored, transported, or disposed of in association with the drilling of this well.

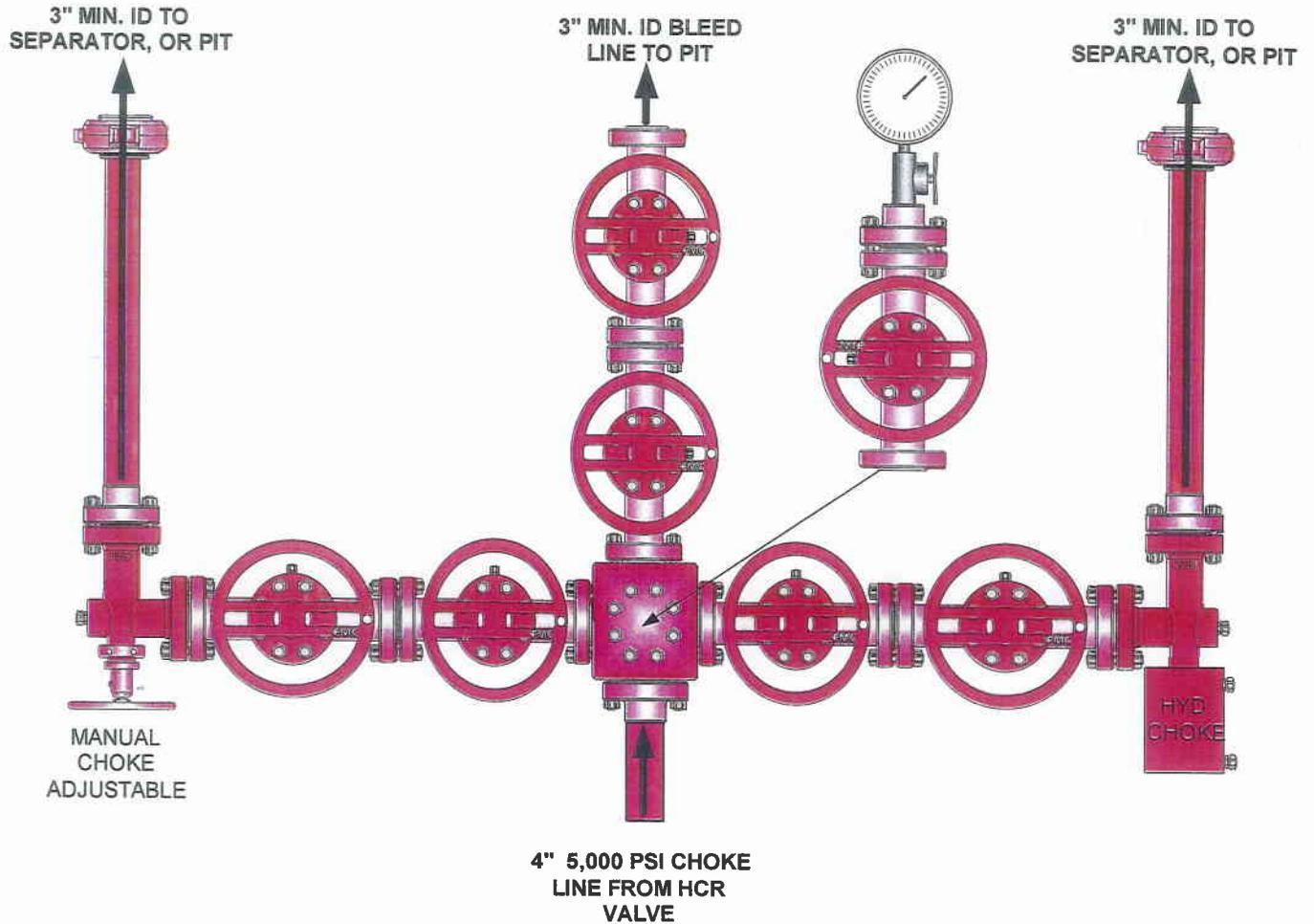
(Attachment: BOP Schematic Diagram)

**EOG RESOURCES 11" 5,000 PSI W.P. BOP CONFIGURATION**



EOG RESOURCES CHOKE MANIFOLD CONFIGURATION  
W/ 5,000 PSI WP VALVES

PAGE 2 OF



Testing Procedure:

1. BOP will be tested with a professional tester to conform to Onshore Order #2.
2. Blind and Pipe rams will be tested to rated working pressure, 5,000 psi.
3. Annular Preventer will be tested to 50% working pressure, 2,500 psi. Casing will be tested to 0.22 psi / ft. or 1,500 psi. Not to exceed 70% of burst strength, **whichever is greater.**
4. All lines subject to well pressure will be tested to the same pressure as blind and pipe rams.
5. All BOPE specifications and configurations will meet Onshore Order #2 requirements.

STATE OF UTAH )

) ss

COUNTY OF UINTAH )

VERIFICATION

Kaylene R. Gardner, of lawful age, being first duly sworn upon oath, deposes and says:

She is the Sr. Regulatory Assistant of EOG Resources, Inc., of Vernal, Utah. EOG Resources, Inc. is the operator of the following described well:

**HOSS 12-31**  
**1980' FNL – 1980' FEL (SWNE)**  
**SECTION 31, T8S, R23E**  
**UINTAH COUNTY, UTAH**

EOG Resources, Inc., EnCana Oil & Gas (USA), Inc., Exhibit A are the only owners in the well and/or of all contiguous oil and gas leases or drilling units overlying the pool.

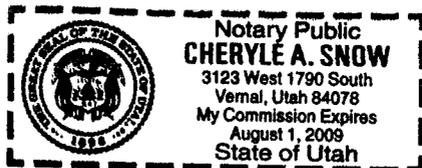
On the 20<sup>th</sup> day of September 2006 she placed in the United States mail, with postage prepaid, a copy of the attached Application for Commingling in one wellbore for the subject well.

Said envelope which contained these instruments was addressed to the Utah Division of Oil, Gas & Mining, Bureau of Land Management, and EnCana Oil & Gas (USA), Inc..

Further affiant saith not.

  
\_\_\_\_\_  
Kaylene R. Gardner  
Sr. Regulatory Assistant

Subscribed and sworn before me this 20<sup>th</sup> day of September, 2006.



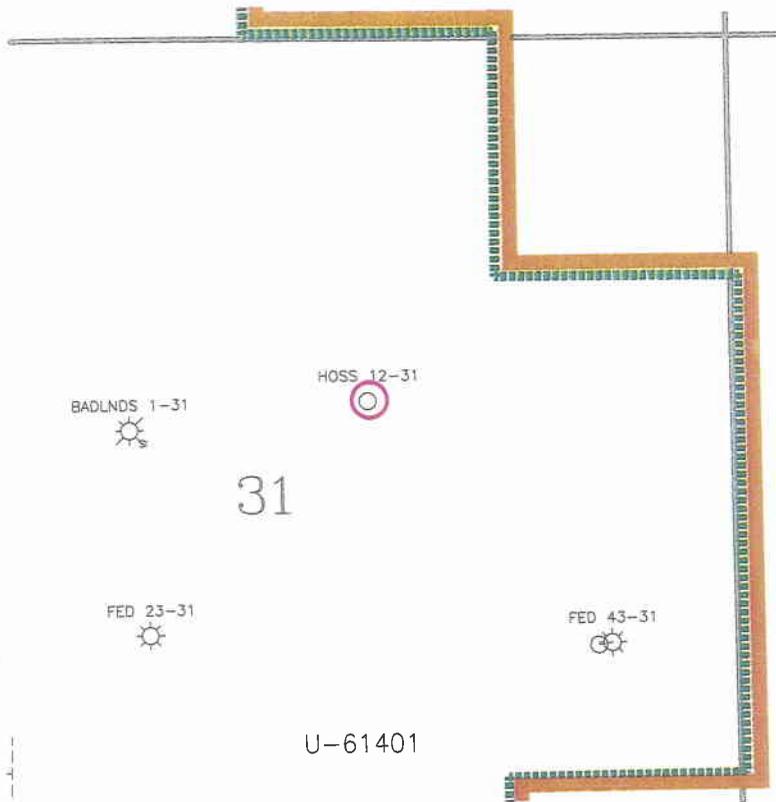
My Commission Expires: 8/1/2009

  
\_\_\_\_\_  
Cheryle A. Snow  
Notary Public

Exhibit "A" to Affidavit  
Hoss 12-31 Application to Commingle

EnCana Oil & Gas (USA), Inc.  
370 17th Street, Suite 1700  
Denver, CO 80202  
Attention: Mr. Doug Jones

R 23 E



T 8 S

31

BADLND 1-31

HOSS 12-31

FED 23-31

FED 43-31

U-61401

○ HOSS 12-31

 Badlands Unit Outline

 Wasatch/Mesaverde/Mancos Fms P.A. "B"

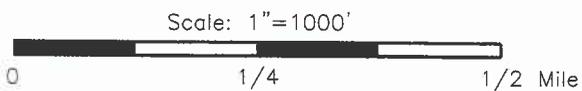


Denver Division

EXHIBIT "A"

HOSS 12-31

Commingling Application  
Uintah County, Utah



Scale: 1"=1000'

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Layout1

Author  
GT

Sep 07, 2006 -  
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**HOSS 12-31  
SWNE, Section 31, T8S, R23E  
Uintah County, Utah**

**SURFACE USE PLAN**

**NOTIFICATION REQUIREMENTS**

- Location Construction: Forty-eight (48) hours prior to construction of location and access roads.
- Location Completion: Prior to moving on the drilling rig.
- Spud Notice: At least twenty-four (24) hours prior to spudding the well.
- Casing String and Cementing: Twenty-four (24) hours prior to running casing and cementing all casing strings.
- BOP and related Equipment Tests: Twenty-four (24) hours prior to running casing and tests.
- First Production Notice: Within five (5) business days after new well begins or production resumes after well has been off production for more than ninety (90) days.

The well pad is approximately 325 feet long with a 246-foot width, containing 1.84 acres more or less. The well access road is approximately 1584 feet long with a 30-foot right-of-way, disturbing approximately 1.09 acres. New surface disturbance associated with access road and the well pad is estimated to be approximately 2.93 acres. The pipeline is approximately 2110 feet long within Federal Lease U 61401 disturbing approximately 1.94 acre.

**No off lease right-of-way will be required**

**1. EXISTING ROADS:**

- A. See attached Wellsite Plats showing directional reference stakes on location, and attached TOPO Map "B" showing access to location from existing roads.
- B. The proposed well site is located approximately 37.4 miles south of Vernal, Utah – See attached TOPO Map "A".
- C. Refer to attached Topographic Map "A" showing labeled access route to location.
- D. Existing roads will be maintained and repaired as necessary.

**2. PLANNED ACCESS ROAD:**

- A. The access road will be approximately 1584' in length with 2-24"x40' CMP's.
- B. The access road has a 30 foot ROW w/18 foot running surface.
- C. Maximum grade of the new access road will be 8 percent.
- D. No turnouts will be required.
- E. Road drainage crossings shall be of the typical dry creek drainage crossing type.
- F. No bridges, or major cuts and fills will be required.
- G. The access road will be dirt surface. Gravel shall be used as needed.
- H. No gates, cattleguards, or fences will be required or encountered.
- I. No permanent road right-of-way on Federal acreage is required.

All travel will be confined to existing access road right-of-way.

New or reconstructed roads will be centerlined – flagged at time of location staking.

The road shall be constructed/upgraded to meet the standards to the anticipated traffic flow and all-weather road requirements. Construction/upgrading shall include ditching, draining,

graveling, crowning, and capping the roadbed as necessary to provide a well constructed safe road. Prior to upgrading the road shall be cleared of any snow cover and allowed to dry completely. Traveling off the 30 foot right-of-way will not be allowed. Road drainage crossings shall be of the typical dry creek drainage crossing type. Crossings shall be designed so they will not cause siltation or accumulation or debris in the drainage crossings nor shall the drainages be blocked by the roadbed. Erosion of drainage ditches by run off water shall be prevented by diverting water off at frequent intervals by means of cutouts. Upgrading shall not be allowed during muddy conditions. Should mud holes develop, they shall be filled in and detours around them avoided.

As operator, EOG Resources, Inc. shall be responsible for all maintenance on cattleguards, or gates associated with this oil and/or gas operation.

The access road and associated drainage structures will be constructed and maintained in accordance with road guidelines contained in the joint BLM/USFS publication: Surface Operating Standards for Oil and Gas Exploration and Development, Third Edition, and/or BLM Manual Section 9113 concerning road construction standards on projects subject to federal jurisdiction. During the drilling and production phase of operations, the road surface and shoulders will be kept in a safe and useable condition and drainage ditches and culverts will be kept clear and free flowing.

**3. LOCATION OF EXISTING WELLS WITHIN A ONE-MILE RADIUS:**

See attached TOPO map "C" for the location of wells within a one-mile radius.

**4. LOCATION OF EXISTING AND/OR PROPOSED PRODUCTION FACILITIES:**

**A. On Well Pad**

1. Production facilities will be set on location if the well is successfully completed for production. Facilities will consist of wellhead valves, combo separator-dehy unit with meter, two (2) 400 BBL vertical tanks and attaching piping.
2. Gas gathering lines – A 4" gathering line will be buried from dehy to the edge of the location.
3. The area inside the anchors where truck traffic will occur shall be graveled as needed.

**B. Off Well Pad**

1. Proposed location of attendant off pad flowlines shall be flagged prior to archaeological clearance.
2. The length of the new proposed pipeline is 2110' x 40'. The proposed pipeline leaves the eastern edge of the well pad (Lease UTU 61401) proceeding in a southerly direction for an approximate distance of 2110' tying into an existing

pipeline located in the NESW of Section 31, T8S, R23E (Lease UTU-61401). Pipe will be 4" NOM, 0.156 wall, Grade X42, Zap-Lok, electric weld with a 35 mil X-Tru coating.

3. Proposed pipeline will be a 4" OD steel, Zap-Lok line laid on the surface
4. Protective measures and devices for livestock and wildlife will be taken and /or installed where required.

If storage facilities/tank batteries are constructed on this lease, the facility/battery or the well pad shall be surrounded by a containment dike of sufficient capacity to contain, at a minimum, the entire contents of the largest tank within the facility/battery, unless more stringent protective requirements are deemed necessary by the authorized officer.

All permanent (on site for six months or longer) structures constructed or installed (including pumping units) will be painted a flat, non-reflective, earthtone color to match one of the standard environmental colors, as determined by the Rocky Mountain Five State Interagency Committee. All facilities will be painted within 6 months of installation. **All existing facilities will be painted with Carlsbad Canyon.** Facilities required to comply with O.S.H.A. (Occupational Safety and Health Act) will be excluded.

**5. LOCATION AND TYPE OF WATER SUPPLY:**

- A. Water supply will be from Ouray Municipal Water Plant at Ouray, Utah, and/ or Target Trucking Inc.'s water source in the SW/SW. Sec 35, T9S, R22E Uintah County, Utah (State Water Right # 49-1501, and/or Bonanza Power Plant water source in Sec 26, T8S, R23E Uintah County, UT (State Water Right # 49-225(A31368)). Water will be hauled by a licensed trucking company.
- B. Water will be hauled by a licensed trucking company.
- C. No water well will be drilled on lease.

**6. SOURCE OF CONSTRUCTION MATERIALS:**

- A. All construction material for this location and access road will be of native borrow and soil accumulated during the construction of the location.
- B. No mineral materials will be required.

**7. METHODS OF HANDLING WASTE DISPOSAL:**

**A. METHODS AND LOCATION**

1. Cuttings will be confined in the reserve pit.
2. A portable toilet will be provided for human waste during the drilling and completion of the well. Disposal will be at the Vernal sewage disposal plant.

3. Burning will not be allowed. Trash and other waste material will be contained in a wire mesh cage and disposed of at the Uintah County Landfill.
  4. Produced wastewater will be confined to a lined pit or storage tank for a period not to exceed 90 days after initial production. After the 90 day period, the produced water will be contained in a tank on location and then disposed of at one of the following three locations: Natural Buttes Unit 21-20B SWD, Ace Disposal, or EOG Resources, Inc. drilling operations (Chapita Wells Unit, Natural Buttes Unit & Stagecoach Unit).
  5. All chemicals will be disposed of at an authorized disposal site. Drip pans and absorbent pads will be used on the drilling rig to avoid leakage of oil to the pit.
- B. Water from drilling fluids and recovered during testing operations will be disposed of by either evaporating in the reserve pit or by removed and disposed of at an authorized disposal site. Introduction of well bore hydrocarbons to the reserve pit will be avoided by flaring them off in the flare pit at the time of recovery.

The reserve pit will be constructed so as not to leak, break, or allow discharge. If the reserve pit requires padding prior to lining (due to rocky conditions) felt padding will be used.

The reserve pit shall be lined with felt and a 12 millimeter plastic liner.

EOG Resources, Inc. maintains a file, per 29 CFR 1910.1200 (g) containing current Material Safety Data Sheets (MSDS) for all chemicals, compounds, and/or substances which are used during the course of construction, drilling, completion, and production operations for this project. Hazardous materials (substances) which may be found at the site may include drilling mud and cementing products which are primarily inhalation hazards, fuels (flammable and/or combustible), materials that may be necessary for well completion/ stimulation activities such as flammable or combustible substances and acids/gels (corrosives). The opportunity for Superfund Amendments and Reauthorization Act (SARA) listed Extremely Hazardous Substances (EHS) at the site is generally limited to proprietary treating chemicals. All hazardous and EHS and commercial preparations will be handled in an appropriate manner to minimize the potential for leaks or spills to the environment.

#### **8. ANCILLARY FACILITIES:**

None anticipated.

#### **9. WELL SITE LAYOUT:**

- A. Refer to attached well site plat for related topography cuts and fills and cross sections.
- B. Refer to attached well site plat for rig layout and soil material stockpile location as approved on On-site.
- C. Refer to attached well site plat for rig orientation, parking areas, and access road.

The reserve pit will be located on the west corner of the location. The flare pit will be located downwind of the prevailing wind direction on the north side of the location, a minimum of 100 feet from the well head and 30 feet from the reserve pit fence.

The stockpiled pit topsoil will be stored separate from the location topsoil east of corner #5. The stockpiled location topsoil will be stored between corners #6 and #8 and corners #2 and #4. Upon completion of construction, the stockpiled topsoil from the location will be broadcast seeded with the approved seed mixture from this location and then walked down with a Caterpillar tractor.

Access to the well pad will be from the west.

**FENCING REQUIREMENTS:**

All pits will be fenced according to the following minimum standards:

- A. Thirty-nine inch net wire shall be used with at least one strand of barbed wire on top of the net wire. (Barbed wire is not necessary if pipe or some type of reinforcement rod is attached to the top of the entire fence.)
- B. The net wire shall be no more than 2 inches above the ground. The barbed wire strand shall be 3 inches above the net wire. Total height of the fence shall be at least 42 inches.
- C. Corner posts shall be cemented and/or braced in such a manner as to keep the fence tight at all times.
- D. Standard steel, wood, or pipe posts shall be used between the corner braces. Maximum distances between any two posts shall be no greater than 16 feet.
- E. All wire shall be stretched by using a stretching device before it is attached to the corner posts.

The reserve pit fencing will be on the three sides during drilling operations and on the fourth side when the rig moves off location. Pits will be fenced and maintained until clean-up.

Each existing fence to be crossed by the access road shall be braced and tied off before cutting so as to prevent slacking of the wire. The opening shall be closed temporarily as necessary during construction to prevent the escape of livestock, and, upon completion of construction, the fence shall be repaired to BLM or SMA specifications. A cattleguard with an adjacent 16 foot gate shall be installed in any fence where a road is regularly traveled. If the well is a producer, the cattleguards (shall/shall not) be permanently counted on concrete bases. Prior to crossing any fence located on Federal land, or any fence between Federal land and private land, the operator will contact the BLM, who will in turn contact the grazing permittee or owner of said fence and offer him/her the opportunity to be present when the fence is cut in order to satisfy himself/herself that the fence is adequately braced and tied off.

**10. PLANS FOR RECLAMATION OF THE SURFACE:**

**A. Producing Location**

Immediately upon well completion, the location and surrounding area will be cleared of all unused tubing, equipment, debris, materials, trash, and junk not required for production.

Immediately upon well completion, any hydrocarbons on the pit shall be removed in accordance with CFR 3162.7-1.

If a plastic nylon reinforced liner is used, it shall be torn and perforated before backfilling of the reserve pit.

The reserve pit and that portion of the location not needed for production facilities/operations will be recontoured to the approximate natural contours. The stockpiled pit topsoil will then be spread over the pit area and broadcast seeded with the prescribed seed mixture for this location. The seeded area will then be walked down with a cat.

<b>Seed Mixture</b>	<b>Drilled Rate (lbs./acre PLS*)</b>
Crested Wheatgrass	9.0
Prostrate Kochia	3.0

\*Pure live seed (PLS) formula: percent of purity of seed mixture times percent germination of seed mixture equals portion of seed mixture that is PLS.

**B. Dry Hole/Abandoned Location**

At such time as the well is plugged and abandoned, the operator will submit a subsequent report of abandonment and the BLM will attach the appropriated surface rehabilitation conditions of approval.

<b>Seed Mixture</b>	<b>Drilled Rate (lbs./acre PLS*)</b>
Gardner Saltbush	3.0
Shadscale	3.0
Crested Wheatgrass	3.0

\*Pure live seed (PLS) formula: percent of purity of seed mixture times percent germination of seed mixture equals portion of seed mixture that is PLS.

**11. SURFACE OWNERSHIP:**

Surface ownership of the proposed well site, access road, and pipeline route is as follows:

Bureau of Land Management

**12. OTHER INFORMATION:**

A. EOG Resources, Inc. will inform all persons in the area who are associated with this project that they are subject to prosecution for knowingly disturbing historic or archaeological sites, or for collecting artifacts. If historic or archaeological materials are uncovered during construction, the operator will immediately stop work that might further disturb such materials, and contact the Authorized Officer. Within five working days the Authorized Officer will inform the operator as to:

- Whether the materials appear eligible for the National Register of Historic Places;
- The mitigation measures the operator will likely have to undertake before the site can be used.
- A time frame for the Authorized Officer to complete an expedited review under 36 CFR 800.11 to confirm, through the State Historic Preservation Officer, that the findings of the Authorized Officer are correct and that mitigation is appropriate.

If the operator wished, at any time, to relocate activities to avoid the expense of mitigation and/or the delays associated with this process, the Authorized Officer will assume responsibility for whatever recordation and stabilization of the exposed materials that may be required. Otherwise, the operator will be responsible for mitigation costs. The Authorized Officer will provide technical and procedural guidelines for the conduct of mitigation. Upon verification from the Authorized Officer that required mitigation has been completed, the operator will then be allowed to resume construction.

- B. As operator, EOG Resources, Inc. will control noxious weeds along Right-of-Ways for roads, pipelines, well sites, or other applicable facilities. A list of noxious weeds will be obtained from the BLM administered land, a Pesticide Use proposal shall be submitted, and given approval, prior to the application of herbicides or other pesticides or possible hazardous chemicals.
- C. The drilling rig and ancillary equipment will be removed from the location prior to commencement of completion operations. Completion operations will be conducted utilizing a completion/workover rig.
- D. Drilling rigs and/or equipment used during drilling operations on this well site will not be stacked or stored on BLM lands after the conclusion of drilling operations or at any other time without BLM authorization. However, if BLM authorization is obtained, it is only a temporary measure to allow time to make arrangements for permanent storage

on commercial facilities. (The BLM does not seek to compete with private industry. There are commercial facilities available for stacking and storing drilling rigs.)

All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, Onshore Oil and Gas Orders, the approved Plan of Operations, and any applicable Notice of Lessees. The operator is fully responsible for the actions of its subcontractors. A complete copy of the approved "Application for Permit to Drill" and "Right-of-Way grant", if applicable, will be furnished to the field representative(s) to ensure compliance and shall be on location during all construction and drilling operations.

Construction activity will not be conducted using frozen or saturated soils material or during periods when watershed damage is likely to occur.

If the existing access road, proposed access road, and proposed pad are dry during construction, drilling, and completion activities, water will be applied to help facilitate compaction during construction and to minimize soil loss as a result of wind erosion.

A cultural resources survey was conducted and submitted 7/19/2006 by Montgomery Archaeological Consultants. A Paleontology survey was conducted and will be submitted 7/10/2006 by Dr. Wade Miller.

**Other Requirements:**

A water diversion dam will be constructed above pit corner A.

After the reserve pit has been closed the east side of the location shall be ditched or bermed to channel runoff water around the location.

**Additional Surface Stipulations:**

No construction or drilling will be allowed during the Antelope kidding season of May 15<sup>th</sup> to June 20<sup>th</sup> unless clearance has been obtained by the BLM wildlife biologist.

Prior to any construction between March 1 and July 15, all areas within 0.5 mile of prairie dog colonies will be surveyed for ferruginous hawks. If active nests are identified, no surface disturbance will not occur until the nest has been inactive for a two-year period. If no nests are found within 0.5 mile of the proposed location, construction and drilling can occur.

***LESSEE OR OPERATOR'S REPRESENTATIVE AND CERTIFICATION:***

**PERMITTING AGENT**

Kaylene R. Gardner  
EOG Resources, Inc.  
P.O. Box 1815  
Vernal, Ut 84078  
(435) 781-9111

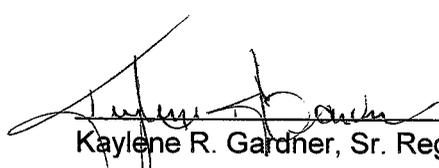
**DRILLING OPERATIONS**

Donald Presenkowski  
EOG Resources, Inc.  
P.O. Box 250  
Big Piney, WY 83113  
307-276-4865

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drill site and access route; that I am familiar with the conditions which currently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed by EOG Resources, Inc. and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

Please be advised that EOG Resources, Inc. is considered to be the operator of the Hoss 12-31 well, located in SWNW, of Section 31, T8S, R23E, Uintah County, Utah; Federal land and minerals; and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond Coverage is under Bond # NM 2308.

September 19, 2006  
Date

  
\_\_\_\_\_  
Kaylene R. Gardner, Sr. Regulatory Assistant

**Request for Exception to Buried Pipeline Requirement**  
**HOSS 12-31**  
**SWNE, Sec. 31, T8S, R23E**  
**UTU-61401**

EOG Resources, Inc. requests a variance to the requirement for a buried gas sales pipeline for the referenced well for the following reasons:

1. In order to bury pipe on the gas sales line route, additional surface disturbance relative to surface pipeline would be approximately 50' X Length acres.
2. Ripping, cutting, or blasting of rock would be required, which in turn would leave long-term spoils on the right-of-way.
3. The disturbed soils on the pipeline corridor would be difficult to rehabilitate and would be susceptible to noxious weed infestation, which in turn would be hazardous to livestock.
4. Supplemental soil to replace removed rock would need to be hauled in from other locations to provide bedding and cover material.
5. The buried pipe would need to be coated and/or wrapped to minimize the potential for corrosion-caused gas leaks and blowouts.
6. Burying of pipe next to access roads increases the potential for damage, explosion, and fire when using graders and/or dozers for snow removal or road rehabilitation.
7. Surface equipment, including risers with blow down valves and pipeline markers will be required, adding to negative visual impact.
8. Disturbance of previously rehabilitated pipeline corridor could be necessary if increasing well density requires crossing of the corridor or location construction on the corridor.
9. Pipeline corridors subject to poor rehabilitation characteristics are susceptible to high rates of soil erosion.
10. Buried shallow pipelines in low areas subject to the occasional presence of standing water are susceptible to movement and surfacing.

EOG RESOURCES, INC.  
HOSS #12-31  
SECTION 31, T8S, R23E, S.L.B.&M.

PROCEED IN An EASTERLY, THEN SOUTHERLY DIRECTION FROM VERNAL, UTAH ALONG U.S. HIGHWAY 40 APPROXIMATELY 3.9 MILES TO THE JUNCTION OF STATE HIGHWAY 45; EXIT RIGHT AND PROCEED IN A SOUTHERLY, THEN SOUTHEASTERLY DIRECTION APPROXIMATELY 24.1 MILES ON STATE HIGHWAY 45 TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHWEST; TURN RIGHT AND PROCEED IN A SOUTHWESTERLY, THEN WESTERLY DIRECTION APPROXIMATELY 9.1 MILES TO THE BEGINNING OF THE PROPOSED ACCESS TO THE NORTHEAST; FOLLOW ROAD FLAGS IN A NORTHEASTERLY DIRECTION APPROXIMATELY 0.3 MILES TO THE PROPOSED LOCATION.

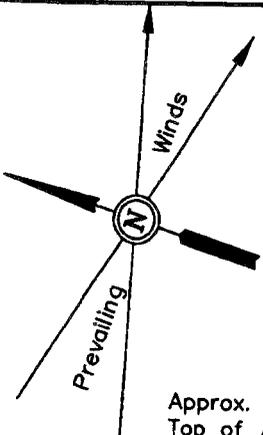
TOTAL DISTANCE FROM VERNAL, UTAH TO THE PROPOSED WELL LOCATION IS APPROXIMATELY 37.4 MILES.

EOG RESOURCES, INC.

LOCATION LAYOUT FOR

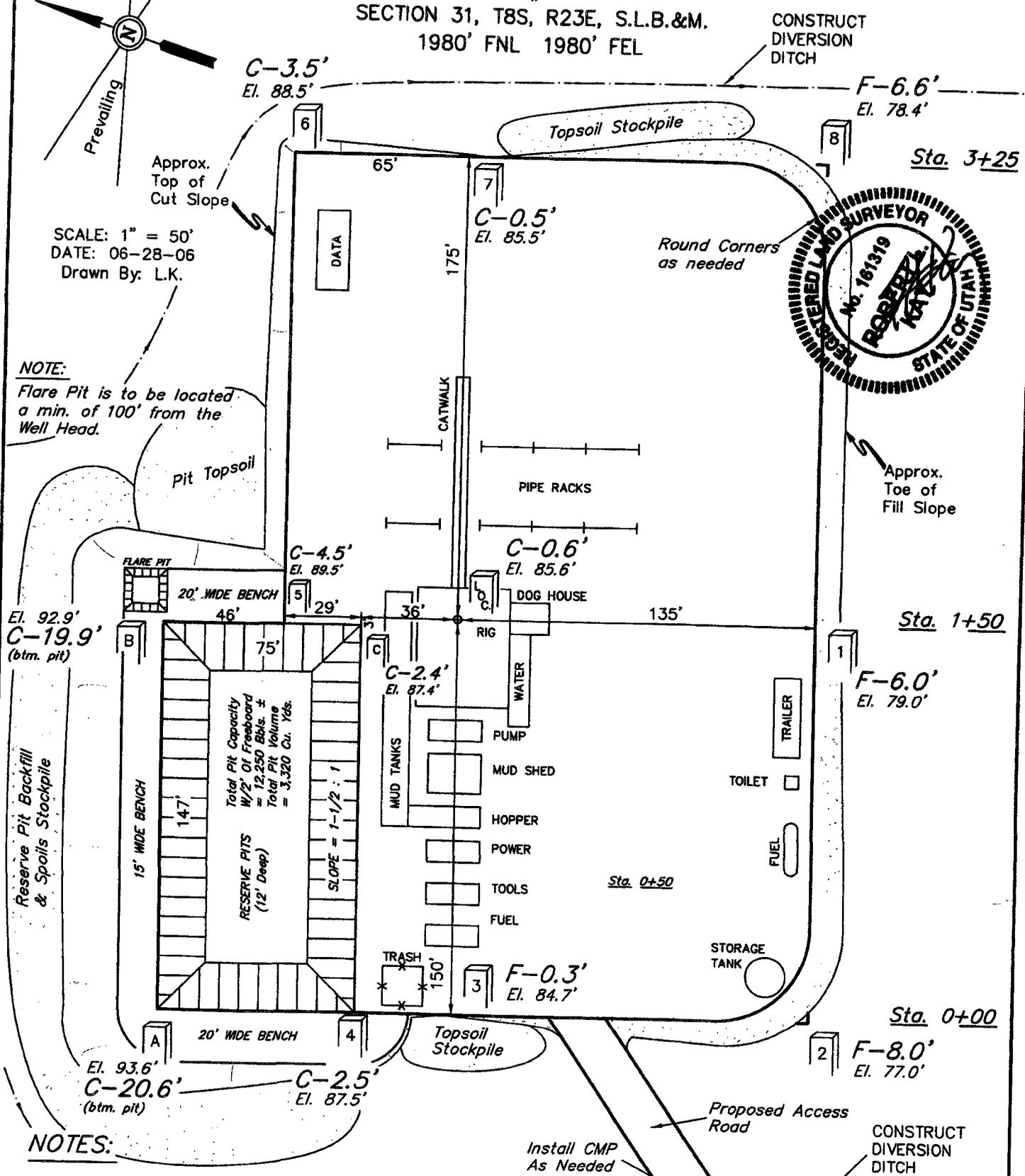
HOSS #12-31  
SECTION 31, T8S, R23E, S.L.B.&M.  
1980' FNL 1980' FEL

FIGURE #1



SCALE: 1" = 50'  
DATE: 06-28-06  
Drawn By: L.K.

NOTE:  
Flare Pit is to be located  
a min. of 100' from the  
Well Head.



NOTES:

Elev. Ungraded Ground At Loc. Stake = 4885.6'  
FINISHED GRADE ELEV. AT LOC. STAKE = 4885.0'

UINTAH ENGINEERING & LAND SURVEYING  
85 So. 200 East \* Vernal, Utah 84078 \* (435) 789-1017

EOG RESOURCES, INC.

FIGURE #2

TYPICAL CROSS SECTIONS FOR

HOSS #12-31

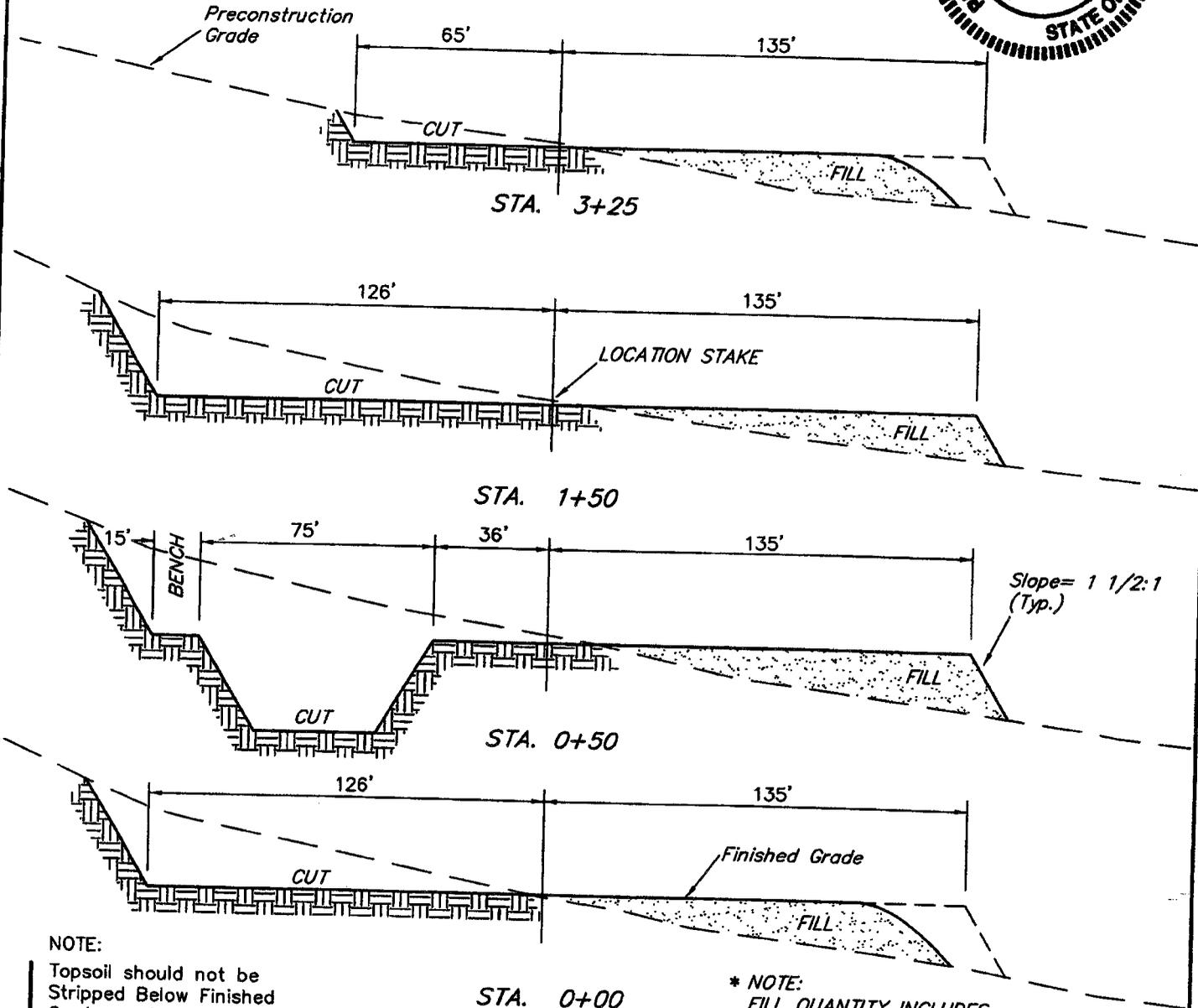
SECTION 31, T8S, R23E, S.L.B.&M.

1980' FNL 1980' FEL



1" = 20'  
X-Section Scale  
1" = 50'

DATE: 06-28-06  
Drawn By: L.K.



NOTE:

Topsoil should not be Stripped Below Finished Grade on Substructure Area.

\* NOTE:

FILL QUANTITY INCLUDES 5% FOR COMPACTION

APPROXIMATE YARDAGES

CUT	
(6") Topsoil Stripping	= 1,710 Cu. Yds.
Remaining Location	= 8,980 Cu. Yds.
<b>TOTAL CUT</b>	<b>= 10,690 CU.YDS.</b>
<b>FILL</b>	<b>= 7,320 CU.YDS.</b>

EXCESS MATERIAL	= 3,370 Cu. Yds.
Topsoil & Pit Backfill (1/2 Pit Vol.)	= 3,370 Cu. Yds.
EXCESS UNBALANCE (After Interim Rehabilitation)	= 0 Cu. Yds.

UINTAH ENGINEERING & LAND SURVEYING  
85 So. 200 East \* Vernal, Utah 84078 \* (435) 789-1017

# EOG RESOURCES, INC.

## HOSS #12-31

LOCATED IN UINTAH COUNTY, UTAH  
SECTION 31, T8S, R23E, S.L.B.&M.



PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKE

CAMERA ANGLE: SOUTHEASTERLY



PHOTO: VIEW FROM BEGINNING OF PROPOSED ACCESS

CAMERA ANGLE: NORTHEASTERLY



Since 1964

**UELS** Uintah Engineering & Land Surveying  
85 South 200 East Vernal, Utah 84078  
435-789-1017 uels@uelsinc.com

LOCATION PHOTOS

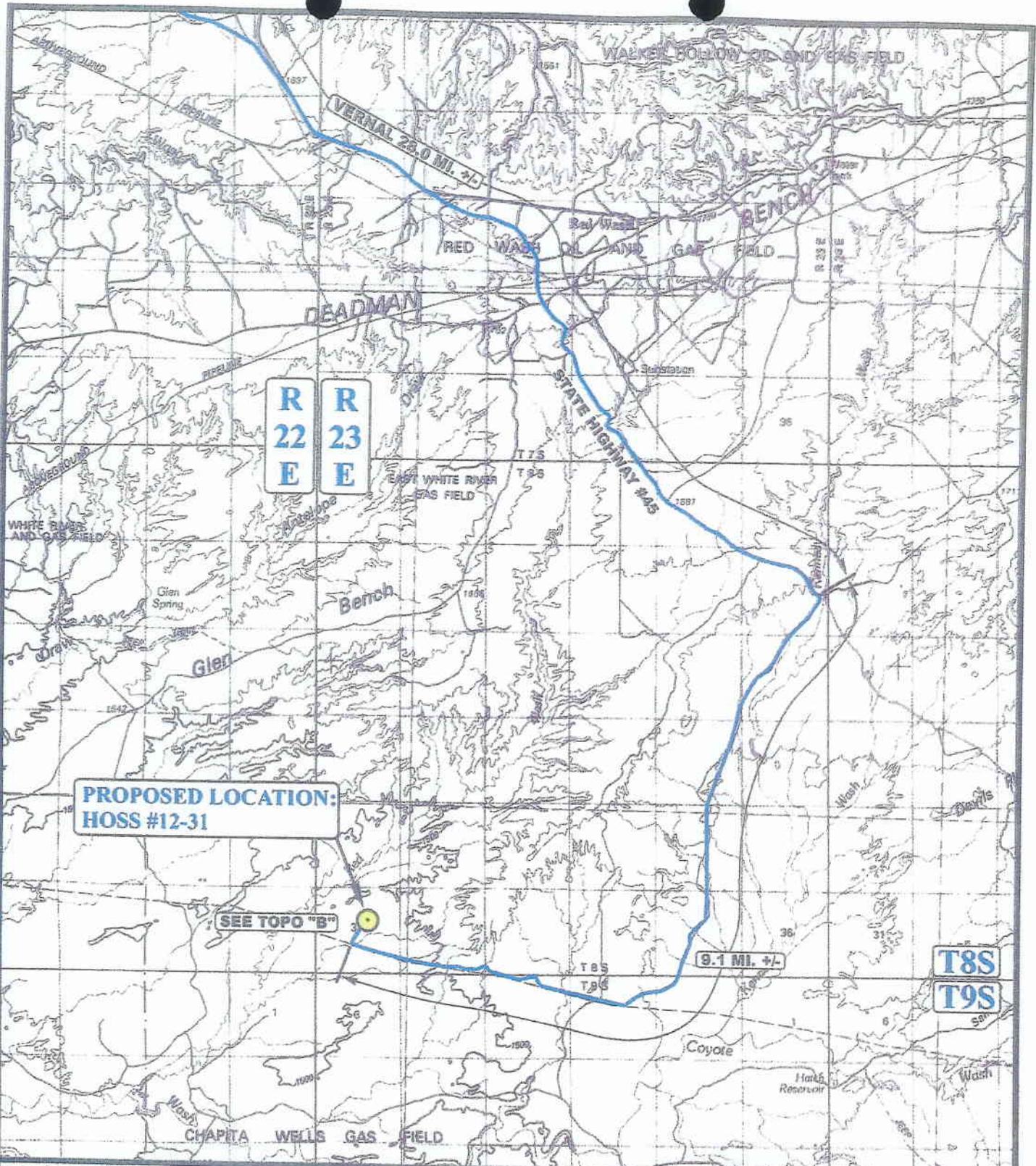
06 27 06  
MONTH DAY YEAR

PHOTO

TAKEN BY: T.A.

DRAWN BY: B.C.

REVISED: 00-00-00



**PROPOSED LOCATION:  
HOSS #12-31**

SEE TOPO "B"

**R  
22  
E**   **R  
23  
E**

**T8S  
T9S**

**LEGEND:**  
 EXISTING LOCATION

**EOG RESOURCES, INC.**

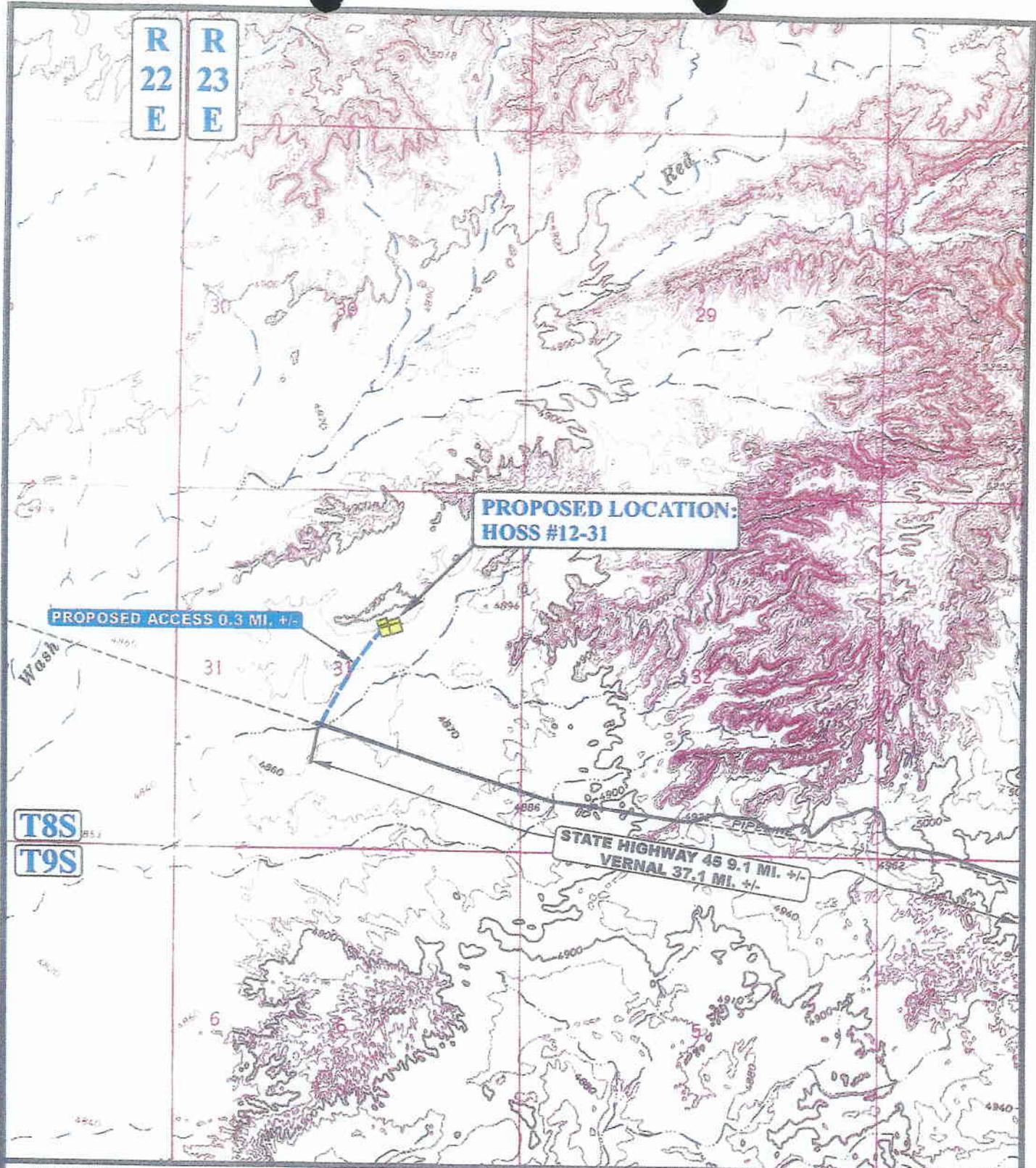
**HOSS #12-31  
SECTION 31, T8S, R23E, S.L.B.&M.  
1980' FNL 1980' FEL**

**U  
E  
L  
S**  
**Uintah Engineering & Land Surveying**  
 85 South 200 East Vernal, Utah 84078  
 (435) 789-1017 \* FAX (435) 789-1813



**TOPOGRAPHIC MAP**   **06 27 06**  
 MONTH   DAY   YEAR  
 SCALE: 1:100,000   DRAWN BY: B.C.   REVISED: 00-00-00

**A**  
**TOPO**



**PROPOSED LOCATION:  
HOSS #12-31**

**PROPOSED ACCESS 0.3 MI. +/-**

**STATE HIGHWAY 49 9.1 MI. +/-  
VERNAL 37.1 MI. +/-**

**T8S  
T9S**

**LEGEND:**

-  EXISTING ROAD
-  PROPOSED ACCESS ROAD



**EOG RESOURCES, INC.**

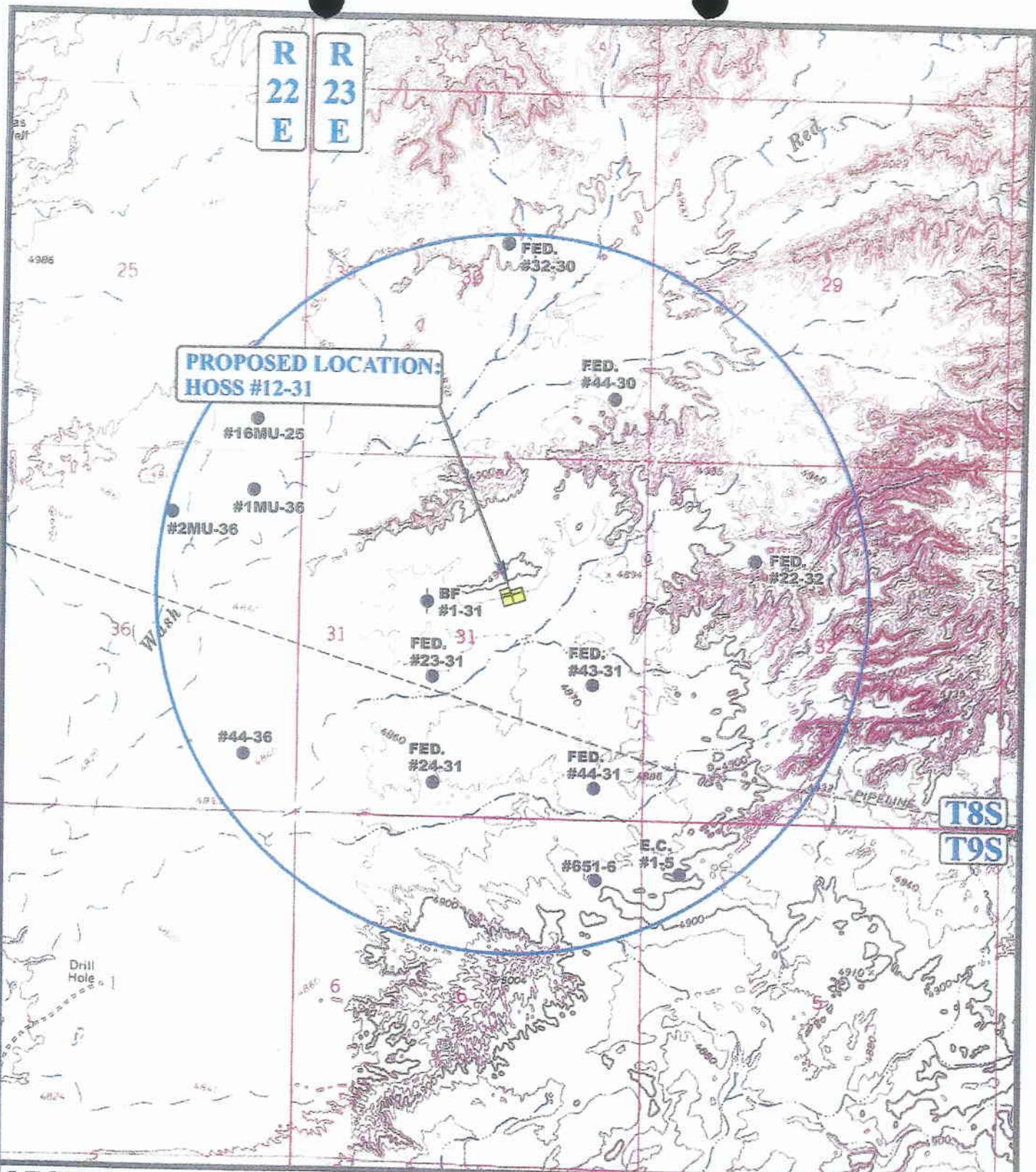
**HOSS #12-31  
SECTION 31, T8S, R23E, S.L.B.&M.  
1980' FNL 1980' FEL**



**Uintah Engineering & Land Surveying**  
85 South 200 East Vernal, Utah 84078  
(435) 789-1017 \* FAX (435) 789-1813

**TOPOGRAPHIC MAP**  
06 27 06  
MONTH DAY YEAR  
SCALE: 1" = 2000' DRAWN BY: B.C. REVISED: 00-00-00

**B  
TOPO**



**PROPOSED LOCATION:  
HOSS #12-31**

**LEGEND:**

- DISPOSAL WELLS
- PRODUCING WELLS
- SHUT IN WELLS
- WATER WELLS
- ABANDONED WELLS
- TEMPORARILY ABANDONED

**UEIS** Uintah Engineering & Land Surveying  
 85 South 200 East Vernal, Utah 84078  
 (435) 789-1017 \* FAX (435) 789-1813

**EOG RESOURCES, INC.**

**HOSS #12-31  
 SECTION 31, T8S, R23E, S.L.B.&M.  
 1980' FNL 1980' FEL**

**TOPOGRAPHIC MAP** 06 27 06  
 MONTH DAY YEAR

SCALE: 1" = 2000' DRAWN BY: B.C. REVISED: 00-00-00

**C**  
**TOPO**



**WORKSHEET  
APPLICATION FOR PERMIT TO DRILL**

APD RECEIVED: 09/26/2006

API NO. ASSIGNED: 43-047-38656

WELL NAME: HOSS 12-31  
 OPERATOR: EOG RESOURCES INC ( N9550 )  
 CONTACT: KAYLENE GARDNER

PHONE NUMBER: 435-781-9111

PROPOSED LOCATION:  
 SWNE 31 080S 230E  
 SURFACE: 1980 FNL 1980 FEL  
 BOTTOM: 1980 FNL 1980 FEL  
 COUNTY: UTAH  
 LATITUDE: 40.08108 LONGITUDE: -109.3668  
 UTM SURF EASTINGS: 639253 NORTHINGS: 4437824  
 FIELD NAME: NATURAL BUTTES ( 630 )

INSPECT LOCATN BY: / /		
Tech Review	Initials	Date
Engineering		
Geology		
Surface		

LEASE TYPE: 1 - Federal  
 LEASE NUMBER: UTU-61401  
 SURFACE OWNER: 1 - Federal

PROPOSED FORMATION: PRRV  
 COALBED METHANE WELL? NO

RECEIVED AND/OR REVIEWED:

- Plat
- Bond: Fed[1] Ind[] Sta[] Fee[]  
(No. NM 2308 )
- Potash (Y/N)
- Oil Shale 190-5 (B) or 190-3 or 190-13
- Water Permit  
(No. 49-1501 )
- RDCC Review (Y/N)  
(Date: )
- Fee Surf Agreement (Y/N)
- Intent to Commingle (Y/N)

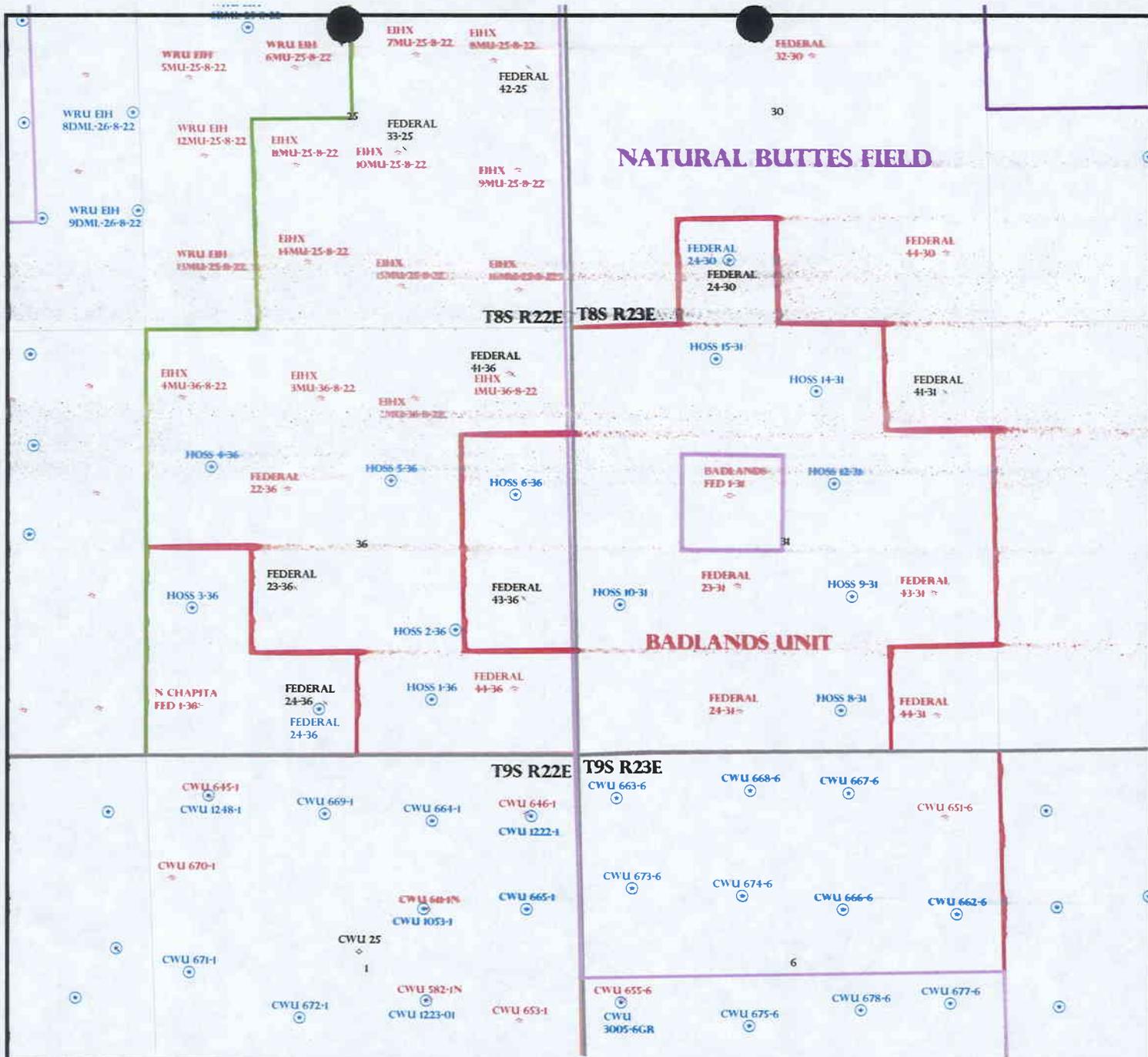
LOCATION AND SITING:

- R649-2-3.
- Unit: BADLANDS
- R649-3-2. General  
Siting: 460 From Qtr/Qtr & 920' Between Wells
- R649-3-3. Exception
- Drilling Unit
- Board Cause No: \_\_\_\_\_
- Eff Date: \_\_\_\_\_
- Siting: \_\_\_\_\_
- R649-3-11. Directional Drill

COMMENTS:

STIPULATIONS:

1- Seismic Approval  
 2- Spacing Strip



OPERATOR: EOG RESOURCES INC (N9550)

SEC: 31 T.8S R. 23E

FIELD: NATURAL BUTTES (630)

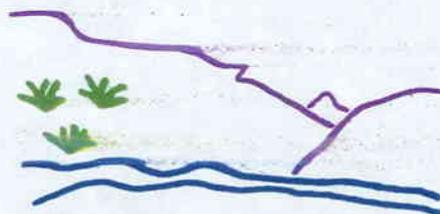
COUNTY: UINTAH

SPACING: R649-3-2 / GENERAL SITING

- Field Status**
- ABANDONED
  - ACTIVE
  - COMBINED
  - INACTIVE
  - PROPOSED
  - STORAGE
  - TERMINATED

- Unit Status**
- EXPLORATORY
  - GAS STORAGE
  - NF PP OIL
  - NF SECONDARY
  - PENDING
  - PI OIL
  - PP GAS
  - PP GEOTHERML
  - PP OIL
  - SECONDARY
  - TERMINATED

- Wells Status**
- GAS INJECTION
  - GAS STORAGE
  - LOCATION ABANDONED
  - NEW LOCATION
  - PLUGGED & ABANDONED
  - PRODUCING GAS
  - PRODUCING OIL
  - SHUT-IN GAS
  - SHUT-IN OIL
  - TEMP. ABANDONED
  - TEST WELL
  - WATER INJECTION
  - WATER SUPPLY
  - WATER DISPOSAL
  - DRILLING



Utah Oil Gas and Mining



PREPARED BY: DIANA WHITNEY  
DATE: 27-SEPTEMBER-2006

# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

Utah State Office  
P.O. Box 45155  
Salt Lake City, Utah 84145-0155

IN REPLY REFER TO:  
3160  
(UT-922)

September 27, 2006

### Memorandum

To: Assistant District Manager Minerals, Vernal District

From: Michael Coulthard, Petroleum Engineer

Subject: 2006 Plan of Development Badlands Unit, Uintah County,  
Utah.

Pursuant to email between Diana Whitney, Division of Oil, Gas and Mining, and Mickey Coulthard, Utah State Office, Bureau of Land Management, the following wells are planned for calendar year 2006 within the Badlands, Uintah County, Utah.

API#	WELL NAME	LOCATION
Proposed PZ Price River)		
43-047-38654	Hoss 14-31 Sec 31	T08S R23E 0838 FNL 2173 FEL
43-047-38655	Hoss 10-31 Sec 31	T08S R23E 1851 FSL 0541 FWL
43-047-38656	Hoss 12-31 Sec 31	T08S R23E 1980 FNL 1980 FEL
43-047-38653	Hoss 15-31 Sec 31	T08S R23E 0413 FNL 1776 FWL
43-047-38657	Hoss 06-36 Sec 36	T08S R22E 2061 FNL 0708 FEL

This office has no objection to permitting the wells at this time.

/s/ Michael L. Coulthard

bcc: File – Badlands Unit  
Division of Oil Gas and Mining  
Central Files  
Agr. Sec. Chron  
Fluid Chron

MCoulthard:mc:9-27-06



**State of Utah**

**Department of  
Natural Resources**

MICHAEL R. STYLER  
*Executive Director*

**Division of  
Oil, Gas & Mining**

JOHN R. BAZA  
*Division Director*

JON M. HUNTSMAN, JR.  
*Governor*

GARY R. HERBERT  
*Lieutenant Governor*

September 27, 2006

EOG Resources Inc.  
1060 East Highway 40  
Vernal, UT 84078

Re: Hoss 12-31 Well, 1980' FNL, 1980' FEL, SW NE, Sec. 31, T. 8 South,  
R. 23 East, Uintah County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. § 40-6-1 *et seq.*, Utah Administrative Code R649-3-1 *et seq.*, and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-047-38656.

Sincerely,

Gil Hunt  
Associate Director

pab  
Enclosures

cc: Uintah County Assessor  
Bureau of Land Management, Vernal District Office

Operator: EOG Resources Inc.  
Well Name & Number Hoss 12-31  
API Number: 43-047-38656  
Lease: UTU-61401

Location: SW NE                      Sec. 31                      T. 8 South                      R. 23 East

### Conditions of Approval

1. General

Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

2. Notification Requirements

Notify the Division within 24 hours of spudding the well.

- Contact Carol Daniels at (801) 538-5284.

Notify the Division prior to commencing operations to plug and abandon the well.

- Contact Dan Jarvis at (801) 538-5338

3. Reporting Requirements

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

4. State approval of this well does not supersede the required federal approval, which must be obtained prior to drilling.

5. This proposed well is located in an area for which drilling units (well spacing patterns) have not been established through an order of the Board of Oil, Gas and Mining (the "Board"). In order to avoid the possibility of waste or injury to correlative rights, the operator is requested, once the well has been drilled, completed, and has produced, to analyze geological and engineering data generated therefrom, as well as any similar data from surrounding areas if available. As soon as is practicable after completion of its analysis, and if the analysis suggests an area larger than the quarter-quarter section upon which the well is located is being drained, the operator is requested to seek an appropriate order from the Board establishing drilling and spacing units in conformance with such analysis by filing a Request for Agency Action with the Board.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

FORM APPROVED  
OMB No. 1004-0137  
Expires March 31, 2007

5. Lease Serial No. UTU-61401	
6. If Indian, Allottee or Tribe Name	
7. If Unit or CA Agreement, Name and No. <i>Badlands UTU60917X</i>	
8. Lease Name and Well No. HOSS 12-31	
9. API Well No. <i>43-0A7-38656</i>	
1a. Type of work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER	10. Field and Pool, or Exploratory NATURAL BUTTES
1b. Type of Well: <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/> Single Zone <input checked="" type="checkbox"/> Multiple Zone	11. Sec., T. R. M. or Blk. and Survey or Area SECTION 31, T8S, R23E S.L.B.&M
2. Name of Operator EOG RESOURCES, INC	12. County or Parish UINTAH
3a. Address 1060 EAST HIGHWAY 40 VERNAL, UT 84078	13. State UT
3b. Phone No. (include area code) 435-781-9111	14. Distance in miles and direction from nearest town or post office* 37.4 MILES SOUTH OF VERNAL, UTAH
4. Location of Well (Report location clearly and in accordance with any State requirements.) At surface 1980 FNL 1980 FEL SWNE 40.081047 LAT 109.367442 LON At proposed prod. zone SAME	15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) 1980 LEASE LINE 660 DRILLING LINE
16. No. of acres in lease 629	17. Spacing Unit dedicated to this well
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. 4800	20. BLM/BIA Bond No. on file NM 2308
19. Proposed Depth 9840	21. Elevations (Show whether DF, KDB, RT, GL, etc.) 4886 GL
22. Approximate date work will start*	23. Estimated duration 45 DAYS

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No.1, must be attached to this form:

- Well plat certified by a registered surveyor.
- A Drilling Plan.
- A Surface Use Plan (if the location is on National Forest System Lands, the SUPO must be filed with the appropriate Forest Service Office).
- Bond to cover the operations unless covered by an existing bond on file (see Item 20 above).
- Operator certification
- Such other site specific information and/or plans as may be required by the BLM.

25. Signature <i>Kaylene R. Gardner</i>	Name (Printed/Typed) KAYLENE R. GARDNER	Date 08/19/2006
Title SR. REGULATORY ASSISTANT		
Approved by (Signature) <i>[Signature]</i>	Name (Printed/Typed) PETER K. SOLICIT	Date 11/14/2006
Title iOL Assistant Field Manager Lands & Mineral Resources	Office VERNAL FIELD OFFICE	

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.  
Conditions of approval, if any, are attached.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

\*(Instructions on page 2)

**CONDITIONS OF APPROVAL ATTACHED**

**NOTICE OF APPROVAL**

Accepted by the  
Utah Division of  
Oil, Gas and Mining  
FOR RECORD ONLY

**RECEIVED**

SEP 20 2006

BLM VERNAL, UTAH

**RECEIVED**

DEC 01 2006

DIV. OF OIL, GAS & MINING

*AGTT 0306A*

*1405 7/7/06*



UNITED STATES DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
VERNAL FIELD OFFICE

170 South 500 East

VERNAL, UT 84078

(435) 781-4400



**CONDITIONS OF APPROVAL FOR APPLICATION FOR PERMIT TO DRILL**

**Company:** EOG Resources                      **Location:** SWNE, Sec 31, T8S, R23E  
**Well No:** HOSS 12-31                      **Lease No:** UTU-61401  
**API No:** 43-047-38656                      **Agreement:** Badlands Unit

Petroleum Engineer:	Matt Baker	Office: 435-781-4490	Cell: 435-828-4470
Petroleum Engineer:	Michael Lee	Office: 435-781-4432	Cell: 435-828-7875
Supervisory Petroleum Technician:	Jamie Sparger	Office: 435-781-4502	Cell: 435-828-3913
Environmental Scientist:	Paul Buhler	Office: 435-781-4475	Cell: 435-828-4029
Environmental Scientist:	Karl Wright	Office: 435-781-4484	
Natural Resource Specialist:	Holly Villa	Office: 435-781-4404	
Natural Resource Specialist:	Melissa Hawk	Office: 435-781-4476	
Natural Resource Specialist:	Scott Ackerman	Office: 435-781-4437	
<b>After Hours Contact Number:</b>	<b>435-781-4513</b>	<b>Fax:</b> 435-781-4410	

**A COPY OF THESE CONDITIONS SHALL BE FURNISHED TO YOUR  
FIELD REPRESENTATIVE TO INSURE COMPLIANCE**

All lease and/or unit operations are to be conducted in such a manner that full compliance is made with the applicable laws, regulations (43 CFR Part 3160), and this approved Application for Permit to Drill including Surface and Downhole Conditions of Approval. The operator is considered fully responsible for the actions of his subcontractors. A copy of the approved APD must be on location during construction, drilling, and completion operations. **This permit is approved for a one-year period. An additional year extension may be applied for by sundry notice prior to expiration.**

**NOTIFICATION REQUIREMENTS**

- |   |   |   |
|---|---|---|
| Location Construction<br>(Notify Paul Buhler)           | - | Forty-Eight (48) hours prior to construction of location and access roads.  |
| Location Completion<br>(Notify Paul Buhler)             | - | Prior to moving on the drilling rig.  |
| Spud Notice<br>(Notify Petroleum Engineer)              | - | Twenty-Four (24) hours prior to spudding the well.  |
| Casing String & Cementing<br>(Notify Jamie Sparger)     | - | Twenty-Four (24) hours prior to running casing and cementing all casing strings   |
| BOP & Related Equipment Tests<br>(Notify Jamie Sparger) | - | Twenty-Four (24) hours prior to initiating pressure tests   |
| First Production Notice<br>(Notify Petroleum Engineer)  | - | Within Five (5) business days after new well begins or production resumes after well has been off production for more than ninety (90) days |

***SURFACE USE PROGRAM  
CONDITIONS OF APPROVAL (COAs)***

- Within 90 calendar days of the approval date for this Application for Permit to Drill (APD), the operator/lessee shall submit to the Authorized Officer (AO), on Sundry Notice Form 3160-5, an Interim Surface Reclamation Plan for surface disturbance on well pads, access roads, and pipelines. At a minimum, this will include the reshaping of the pad to the original contour to the extent possible; the resspreading of the top soil up to the rig anchor points; and, the area reseeded using appropriate reclamation methods. The AO will provide written approval or concurrence within 30 calendar days of receipt. During interim management of the surface, use the following seed mix:
  - 9 lbs of Hycrest Crested Wheatgrass and 3 lbs of Kochia Prostrata.
- If paleontological materials are uncovered during construction, the operator is to immediately stop work, and contact the Authorized Officer (AO). A report will be prepared by the Paleontologist and submitted to the BLM at the completion of surface disturbing activities.
- All the culverts will be installed according to the BLM Gold Book.
- The road and well pad will have road base on the surface.

### **DOWNHOLE CONDITIONS OF APPROVAL**

**All provisions outlined in Onshore Oil & Gas Order #2 Drilling Operations shall be strictly adhered to.** The following items are emphasized:

#### **SITE SPECIFIC DOWNHOLE CONDITIONS OF APPROVAL**

- Production casing cement shall be brought up and into the surface casing. The minimum cement top is 200 ft. above the surface casing shoe.
- A Cement Bond Log (CBL) shall be run from the production casing shoe to the surface casing shoe. A field copy of the CBL shall be submitted to the BLM Vernal Field Office.

#### **DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS**

- There shall be no deviation from the proposed drilling, completion, and/or workover program as approved. Safe drilling and operating practices must be observed. All wells, whether drilling, producing, suspended, or abandoned, shall be identified in accordance with 43 CFR 3162.6. There shall be a sign or marker with the name of the operator, lease serial number, well number, and surveyed description of the well. Any changes in operation must have prior approval from the BLM, Vernal Field Office Petroleum Engineers.
- The spud date and time shall be reported orally to Vernal Field Office within 24 hours of spudding.
- Notify Vernal Field Office Supervisory Petroleum Engineering Technician at least 24 hours in advance of casing cementing operations and BOPE & casing pressure tests.
- Blowout prevention equipment (BOPE) shall remain in use until the well is completed or abandoned. Closing unit controls shall remain unobstructed and readily accessible at all times. Choke manifolds shall be located outside of the rig substructure.
- All BOPE components shall be inspected daily and those inspections shall be recorded in the daily drilling report. Components shall be operated and tested as required by Onshore Oil & Gas Order No. 2 to insure good mechanical working order. All BOPE pressure tests shall be performed by a test pump with a chart recorder and NOT by the rig pumps. Test shall be reported in the driller's log.
- BOP drills shall be initially conducted by each drilling crew within 24 hours of drilling out from under the surface casing and weekly thereafter as specified in Onshore Oil & Gas Order No. 2.
- Casing pressure tests are required before drilling out from under all casing strings set and cemented in place.
- No aggressive/fresh hard-banded drill pipe shall be used within casing.
- The lessee/operator must report all shows of water or water-bearing sands to the BLM. If flowing water is encountered it must be sampled and analyzed (a copy of the analyses to be submitted to the BLM Field Office in Vernal, Utah).

- All oil and gas shows shall be adequately tested for commercial possibilities, reported, and protected.
- The lessee/operator must report encounters of all non oil & gas mineral resources (such as Gilsonite, tar sands, oil shale, etc.) to Peter Sokolosky or another geologist of the Vernal Field Office, in writing, within 5 working days of each encounter. Each report shall include the well name/number, well location, date and depth (from KB or GL) of encounter, vertical footage of the encounter and, the name of the person making the report (along with a telephone number) shall the BLM need to obtain additional information.
- All shows of fresh water and minerals shall be reported and protected. A sample shall be taken of any water flows and a water analysis furnished the BLM, Vernal Field Office. All oil and gas shows shall be adequately tested for commercial possibilities, reported, and protected.
- No location shall be constructed or moved, no well shall be plugged, and no drilling or workover equipment shall be removed from a well to be placed in a suspended status without prior approval of the BLM, Vernal Field Office. If operations are to be suspended for more than 30 days, prior approval of the BLM, Vernal Field Office shall be obtained and notification given before resumption of operations.
- Chronologic drilling progress reports shall be filed directly with the BLM, Vernal Field Office on a weekly basis in sundry, letter format or e-mail to the Petroleum Engineers until the well is completed.
- Any change in the program shall be approved by the BLM, Vernal Field Office. "Sundry Notices and Reports on Wells" (Form BLM 3160-5) shall be filed for all changes of plans and other operations in accordance with 43 CFR 3162.3-2.
- Emergency approval may be obtained orally, but such approval does not waive the written report requirement. Any additional construction, reconstruction, or alterations of facilities, including roads, gathering lines, batteries, etc., which will result in the disturbance of new ground, shall require the filing of a suitable plan pursuant to Onshore Oil & Gas Order No. 1 of 43 CFR 3164.1 and prior approval by the BLM, Vernal Field Office.
- In accordance with 43 CFR 3162.4-3, this well shall be reported on the "Monthly Report of Operations" (Oil and Gas Operations Report ((OGOR)) starting with the month in which operations commence and continue each month until the well is physically plugged and abandoned. This report shall be filed in duplicate, directly with the Minerals Management Service, P.O. Box 17110, Denver, Colorado 80217-0110, or call 1-800-525-7922 (303) 231-3650 for reporting information.
- Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (BLM Form 3160-4) shall be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3162.4-1. Two copies of all logs run, core descriptions, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, shall be filed on BLM Form 3160-4. Submit with the well completion report a geologic report including, at a minimum, formation tops, and a

summary and conclusions. Also include deviation surveys, sample descriptions, strip logs, core data, drill stem test data, and results of production tests if performed. Samples (cuttings, fluid, and/or gas) shall be submitted only when requested by the BLM, Vernal Field Office.

- A cement bond log (CBL) will be run from the production casing shoe to the surface casing shoe and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.
- Please submit an electronic copy of all other logs run on this well in LAS format to UT\_VN\_Welllogs@BLM.gov. This submission will supersede the requirement for submittal of paper logs to the BLM.
- All off-lease storage, off-lease measurement, or commingling on-lease or off-lease shall have prior written approval from the BLM, Vernal Field Office.
- All measurement points shall be identified as point of sales or allocation for royalty determination prior to the installation of facilities.
- Oil and gas meters shall be calibrated in place prior to any deliveries. The Field Office Petroleum Engineers will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports shall be submitted to the BLM, Vernal Field Office. All measurement facilities will conform to the API standards for liquid hydrocarbons and the AGA standards for natural gas measurement.
- A schematic facilities diagram as required by Onshore Oil & Gas Order No. 3 shall be submitted to the BLM, Vernal Field Office within 30 days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with Onshore Oil & Gas Order No. 3.
- This APD is approved subject to the requirement that, shall the well be successfully completed for production, the BLM, Vernal Field office must be notified when it is placed in a producing status. Such notification will be by written communication and must be received in this office by not later than the fifth business day following the date on which the well is placed on production. The notification shall provide, as a minimum, the following informational items:
  - Operator name, address, and telephone number.
  - Well name and number.
  - Well location (¼¼, Sec., Twn, Rng, and P.M.).
  - Date well was placed in a producing status (date of first production for which royalty will be paid).
  - The nature of the well's production, (i.e., crude oil, or crude oil and casing head gas, or natural gas and entrained liquid hydrocarbons).
  - The Federal or Indian lease prefix and number on which the well is located; otherwise the non-Federal or non-Indian land category, i.e., State or private.
  - Unit agreement and / or participating area name and number, if applicable.
  - Communitization agreement number, if applicable.

- Any venting or flaring of gas shall be done in accordance with Notice to Lessees (NTL) 4A and needs prior approval from Field Office Petroleum Engineers.
- All undesirable events (fires, accidents, blowouts, spills, discharges) as specified in NTL 3A will be reported to the BLM, Vernal Field Office. Major events as defined in NTL3A, shall be reported verbally within 24 hours, followed by a written report within 15 days. "Other than Major Events" will be reported in writing within 15 days. "Minor Events" will be reported on the Monthly Report of Operations and Production.
- Pursuant to Onshore Oil & Gas Order No. 7, this is authorization for pit disposal of water produced from this well for a period of 90 days from the date of initial production. A permanent disposal method must be approved by this office and in operation prior to the end of this 90-day period. In order to meet this deadline, an application for the proposed permanent disposal method shall be submitted along with any necessary water analyses, as soon as possible, but no later than 45 days after the date of first production. Any method of disposal which has not been approved prior to the end of the authorized 90-day period will be considered as an Incident of Noncompliance and will be grounds for issuing a shut-in order until an acceptable manner for disposing of said water is provided and approved by this office.
- Unless the plugging is to take place immediately upon receipt of oral approval, the Field Office Petroleum Engineers must be notified at least 24 hours in advance of the plugging of the well, in order that a representative may witness plugging operations. If a well is suspended or abandoned, all pits must be fenced immediately until they are backfilled. The "Subsequent Report of Abandonment" (Form BLM 3160-5) must be submitted within 30 days after the actual plugging of the well bore, showing location of plugs, amount of cement in each, and amount of casing left in hole, and the current status of the surface restoration.

# DIVISION OF OIL, GAS AND MINING

## **SPUDDING INFORMATION**

Name of Company: EOG RESOURCES INC

Well Name: HOSS 12-31

Api No: 43-047-38656 Lease Type: FEDERAL

Section 31 Township 08S Range 23E County UINTAH

Drilling Contractor ROCKY MOUNTAIN DRIG RIG # RATHOLE

### **SPUDDED:**

Date 12/31/06

Time 12:00 NOON

How DRY

**Drilling will Commence:** \_\_\_\_\_

Reported by JERRY

Telephone # (435) 828-1720

Date 01/04/2007 Signed CHD

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 6

**ENTITY ACTION FORM**

Operator: EOG Resources, Inc.  
Address: 600 17th St., Suite 1000N  
city Denver  
state CO zip 80202

Operator Account Number: N 9550  
Phone Number: (303) 824-5526

**Well 1**

API Number	Well Name		QQ	Sec	Twp	Rng	County
43-047-38656	Hoss 12-31		SWNE	31	8S	23E	Uintah
Action Code	Current Entity Number	New Entity Number	Spud Date			Entity Assignment Effective Date	
A	99999	10960	12/31/2006			1/11/07	
Comments: <u>PRRU = MVRD = WSMUM</u>							

**Well 2**

API Number	Well Name		QQ	Sec	Twp	Rng	County
Action Code	Current Entity Number	New Entity Number	Spud Date			Entity Assignment Effective Date	
Comments: 							

**Well 3**

API Number	Well Name		QQ	Sec	Twp	Rng	County
Action Code	Current Entity Number	New Entity Number	Spud Date			Entity Assignment Effective Date	
Comments: 							

**ACTION CODES:**

- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (Explain in 'comments' section)

Mary A. Maestas

Name (Please Print)

*Mary A. Maestas*

Signature

Regulatory Assistant

Title

1/4/2007

Date

RECEIVED

JAN 04 2007

DIV. OF OIL, GAS & MINING

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0137  
Expires: March 31, 2007

**SUNDRY NOTICES AND REPORTS ON WELLS**

*Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.*

**SUBMIT IN TRIPLICATE- Other instructions on reverse side.**

1. Type of Well  
 Oil Well     Gas Well     Other

2. Name of Operator    **EOG Resources, Inc.**

3a. Address  
**600 17th Street, Suite 1000N, Denver, CO 80202**

3b. Phone No. (include area code)  
**303-824-5526**

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
**1980' FNL & 1980' FEL (SW/NE)  
 Sec. 31-T8S-R23E 40.081047 LAT 109.367442 LON**

5. Lease Serial No.  
**UTU-61401**

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.  
**Badlands**

8. Well Name and No.  
**Hoss 12-31**

9. API Well No.  
**43-047-38656**

10. Field and Pool, or Exploratory Area  
**Natural Buttes/Wasatch/Mesaverde**

11. County or Parish, State  
**Uintah County, Utah**

**12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other <b>Well spud</b>
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

**The referenced well spud 12/31/2006.**

14. I hereby certify that the foregoing is true and correct  
 Name (Printed/Typed)

**Mary A. Maestas**

Title **Regulatory Assistant**

Signature

*Mary A. Maestas*

Date

**01/04/2007**

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by \_\_\_\_\_

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Title

Date

Office

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(Instructions on page 2)

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**SUBMIT IN TRIPLICATE- Other instructions on reverse side.**

1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. <b>UTU-61401</b>
2. Name of Operator <b>EOG Resources, Inc.</b>		6. If Indian, Allottee or Tribe Name
3a. Address <b>600 17th Street, Suite 1000N, Denver, CO 80202</b>	3b. Phone No. (include area code) <b>303-824-5526</b>	7. If Unit or CA/Agreement, Name and/or No. <b>Badlands</b>
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) <b>1980' FNL &amp; 1980' FEL (SW/NE) Sec. 31-T8S-R23E 40.081047 LAT 109.367442 LON</b>		8. Well Name and No. <b>Hoss 12-31</b>
		9. API Well No. <b>43-047-38656</b>
		10. Field and Pool, or Exploratory Area <b>Natural Buttes/Wasatch/Mesaverde</b>
		11. County or Parish, State <b>Uintah County, Utah</b>

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<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other _____
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
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EOG Resources, Inc. requests authorization for disposal of produced water from the referenced well to any of the following locations.

1. Natural Buttes Unit 21-20B SWD
2. Chapita Wells Unit 550-30N SWD
3. Ace Disposal
4. RN Industries

Accepted by the  
Utah Division of  
Oil, Gas and Mining  
FOR RECORD ONLY

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed) <b>Mary A. Maestas</b>	Title <b>Regulatory Assistant</b>
Signature <i>Mary A. Maestas</i>	Date <b>01/04/2007</b>

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by _____	Title _____	Date _____
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.		
Office _____		

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**UTU-61401**

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.  
**Hoss 12-31**

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	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompletable horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletable in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

**EOG Resources, Inc. requests authorization to commingle the Wasatch and Mesaverde formations for the referenced well as indicated by the APD and affidavit submitted 8/19/2006.**

COPY SENT TO OPERATOR  
Date: 1/19/07  
Initials: CHD

Accepted by the  
Utah Division of  
Oil, Gas and Mining

Federal Approval Of This  
Action Is Necessary

Date: 1/10/07  
By: [Signature]

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed) <b>Mary A. Maestas</b>	Title <b>Regulatory Assistant</b>
Signature <u>Mary A. Maestas</u>	Date <b>01/10/2007</b>

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by _____	Title _____	Date _____
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.		
Office _____		

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

**RECEIVED**

**JAN 11 2007**

**DIV. OF OIL, GAS & MINING**

STATE OF UTAH )

) ss

COUNTY OF UINTAH )

VERIFICATION

Kaylene R. Gardner, of lawful age, being first duly sworn upon oath, deposes and says:

She is the Sr. Regulatory Assistant of EOG Resources, Inc., of Vernal, Utah. EOG Resources, Inc. is the operator of the following described well:

**HOSS 12-31**  
**1980' FNL - 1980' FEL (SWNE)**  
**SECTION 31, T8S, R23E**  
**UINTAH COUNTY, UTAH**

EOG Resources, Inc., EnCana Oil & Gas (USA), Inc., Exhibit A are the only owners in the well and/or of all contiguous oil and gas leases or drilling units overlying the pool.

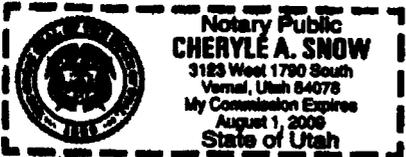
On the 20<sup>th</sup> day of September 2006 she placed in the United States mail, with postage prepaid, a copy of the attached Application for Commingling in one wellbore for the subject well.

Said envelope which contained these instruments was addressed to the Utah Division of Oil, Gas & Mining, Bureau of Land Management, and EnCana Oil & Gas (USA), Inc..

Further affiant saith not.

  
\_\_\_\_\_  
Kaylene R. Gardner  
Sr. Regulatory Assistant

Subscribed and sworn before me this 20<sup>th</sup> day of September, 2006.

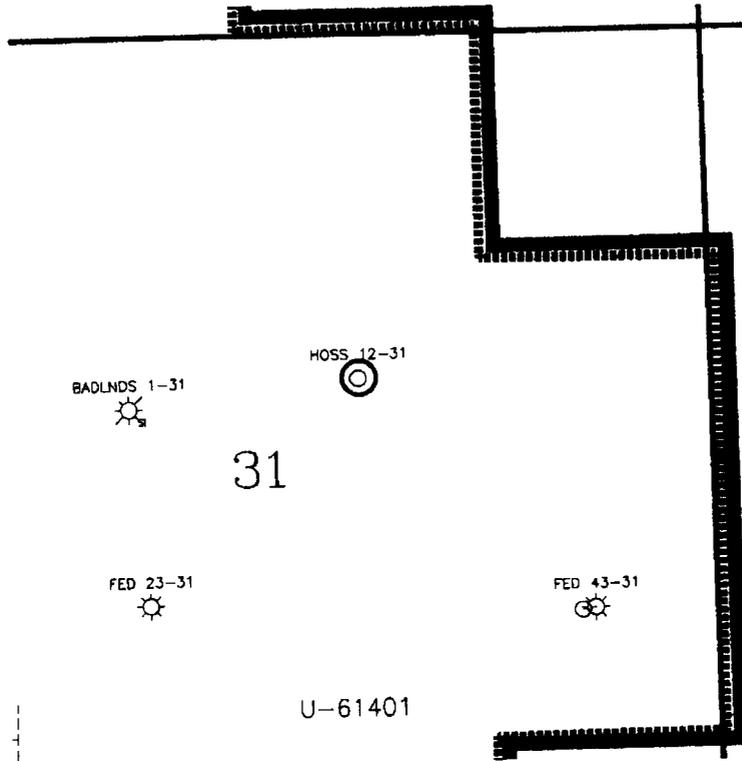
  
Notary Public  
**CHERYLE A. SNOW**  
3123 West 1790 South  
Vernal, Utah 84078  
My Commission Expires  
August 1, 2009  
State of Utah  
My Commission Expires: 8/1/2009

  
\_\_\_\_\_  
Notary Public

**Exhibit "A" to Affidavit  
Hoss 12-31 Application to Commingle**

**EnCana Oil & Gas (USA), Inc.  
370 17th Street, Suite 1700  
Denver, CO 80202  
Attention: Mr. Doug Jones**

R 23 E

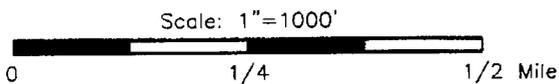


T  
8  
S

○ HOSS 12-31

————— Badlands Unit Outline

..... Wasatch/Mesaverde/Mancos Fms P.A. "B"



**Geog resources**

Denver Division

**EXHIBIT "A"**

HOSS 12-31

Commingling Application

Uintah County, Utah

Scale:  
1"=1000'

D:\Utah\Commingling\page\_Hoss12-31\_commingling.dwg  
Layout

Author  
GT

Sep 07, 2006 -  
2:00pm

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0137  
Expires: March 31, 2007

**SUNDRY NOTICES AND REPORTS ON WELLS**

*Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.*

**SUBMIT IN TRIPLICATE- Other instructions on reverse side.**

1. Type of Well  
 Oil Well     Gas Well     Other

2. Name of Operator    **EOG Resources, Inc.**

3a. Address  
**600 17th Street, Suite 1000N, Denver, CO 80202**

3b. Phone No. (include area code)  
**303-824-5526**

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
**1980' FNL & 1980' FEL (SW/NE)  
 Sec. 31-T8S-R23E 40.081047 LAT 109.367442 LON**

5. Lease Serial No.  
**UTU-61401**

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.  
**Hoss 12-31**

9. API Well No.  
**43-047-38656**

10. Field and Pool, or Exploratory Area  
**Natural Buttes/Wasatch/Mesaverde**

11. County or Parish, State  
**Uintah County, Utah**

**12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input checked="" type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other _____
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

**The referenced well was turned to sales on 3/30/2007. Please see the attached operations summary report for drilling and completion operations performed on the subject well.**

14. I hereby certify that the foregoing is true and correct  
 Name (Printed/Typed)

**Mary A. Maestas**

Title **Regulatory Assistant**

Signature



Date

**04/02/2007**

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by \_\_\_\_\_

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Title

Date

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

**RECEIVED**

**APR 03 2007**

**DIV. OF OIL, GAS & MINING**

# WELL CHRONOLOGY REPORT

Report Generated On: 04-02-2007

<b>Well Name</b>	HOSS 012-31	<b>Well Type</b>	DEVG	<b>Division</b>	DENVER
<b>Field</b>	PONDEROSA	<b>API #</b>	43-047-38656	<b>Well Class</b>	COMP
<b>County, State</b>	UINTAH, UT	<b>Spud Date</b>	01-29-2007	<b>Class Date</b>	
<b>Tax Credit</b>	N	<b>TVD / MD</b>	9,840/ 9,840	<b>Property #</b>	059889
<b>Water Depth</b>	0	<b>Last CSG</b>	2.375	<b>Shoe TVD / MD</b>	0/ 0
<b>KB / GL Elev</b>	4,901/ 4,885				
<b>Location</b>	Section 31, T8S, R23E, SWNE, 1980 FNL & 1980 FEL				

<b>Event No</b>	1.0	<b>Description</b>	DRILL & COMPLETE		
<b>Operator</b>	EOG RESOURCES, INC	<b>WI %</b>	100.0	<b>NRI %</b>	67.0

<b>AFE No</b>	304262	<b>AFE Total</b>		<b>DHC / CWC</b>	8						
<b>Rig Contr</b>	TRUE	<b>Rig Name</b>	TRUE #31	<b>Start Date</b>	10-03-2006	<b>Release Date</b>	02-10-2007				
<b>10-03-2006</b>	<b>Reported By</b>	SHARON WHITLOCK									
<b>Daily Costs: Drilling</b>	\$0	<b>Completion</b>	\$0	<b>Daily Total</b>	\$0						
<b>Cum Costs: Drilling</b>	\$0	<b>Completion</b>	\$0	<b>Well Total</b>	\$0						
<b>MD</b>	0	<b>TVD</b>	0	<b>Progress</b>	0	<b>Days</b>	0	<b>MW</b>	0.0	<b>Visc</b>	0.0
<b>Formation :</b>	<b>PBTD : 0.0</b>			<b>Perf :</b>	<b>PKR Depth : 0.0</b>						

**Activity at Report Time: LOCATION DATA**

Start	End	Hrs	Activity Description
06:00	06:00	24.0	LOCATION DATA 1980' FNL & 1980' FEL (SW/NE) SECTION 31, T8S, R23E UINTAH COUNTY, UTAH  LAT 40.081083, LONG 109.366761 (NAD 27)  TRUE RIG #31 OBJECTIVE: 9840' TD, MESAVERDE DW/GAS PONDEROSA PROSPECT DD&A: CHAPITA WELLS DEEP NATURAL BUTTES FIELD  LEASE: UTU- 61401 ELEVATION: 4885.6' NAT GL, 4885.0' PREP GL (DUE TO ROUNDING THE PREP GL WILL BE 4885'), 4901' KB (16')  EOG WI 100%, NRI 67%

<b>12-18-2006</b>	<b>Reported By</b>	TERRY CSERE		
<b>Daily Costs: Drilling</b>	<b>Completion</b>	\$0	<b>Daily Total</b>	





06:00 06:00 24.0 MIRU BILL JRS AIR RIG #5 ON 1/8/07. DRILLED 12-1/4" HOLE TO 2600' GL. ENCOUNTERED WATER AT 2190'. RAN 64 JTS (2565') OF 9-5/8", 36.0#/FT, J-55, ST&C CASING WITH WEATHERFORD GUIDE SHOE AND FLOAT COLLAR. 8 CENTRALIZERS SPACED MIDDLE OF SHOE JOINT AND EVERY COLLAR TILL GONE. LANDED @ 2581' KB. RDMO BILL JRS #5 AIR RIG.

RU BIG 4 CEMENTING. HELD SAFETY MEETING. PRESSURE TESTED LINES AND CEMENT VALVE TO 1000 PSIG. PUMPED 190 BBLs FRESH WATER & 20 BBLs GELLED WATER FLUSH AHEAD OF CEMENT. MIXED & PUMPED 220 SX (149.7 BBLs) OF PREMIUM LEAD CEMENT W/16% GEL, 10#/SX GILSONITE, 3#/SX GR-3, 3% SALT & 1/4 #/SX FLOCELE. MIXED LEAD CEMENT @ 11.0 PPG W/YIELD OF 3.82 CF/SX.

TAILED IN W/200 SX (41 BBLs) OF PREMIUM CEMENT W/2% CaCl2 & 1/4 #/SX FLOCELE. MIXED TAIL CEMENT TO 15.8 W/YIELD OF 1.15 CF/SX. DISPLACED CEMENT W/195.1 BBLs FRESH WATER. BUMPED PLUG W/800# @ 3:58 AM, 1/11/2007. CHECKED FLOAT, FLOAT HELD. SHUT-IN CASING VALVE. NO RETURNS.

TOP JOB #1: MIXED & PUMPED 100 SX (20.5 BBLs) OF PREMIUM CEMENT W/4% CaCl2 & 1/4#/SX FLOCELE. MIXED CEMENT @ 15.8 PPG W/YIELD OF 1.15 CF/SX. NO RETURNS. WOC 2 HRS, 55 MIN.

TOP JOB #2: MIXED & PUMPED 100 SX (20.5 BBLs) OF PREMIUM CEMENT W/4% CaCl2 & 1/4#/SX FLOCELE. MIXED CEMENT @ 15.8 PPG W/YIELD OF 1.15 CF/SX. NO RETURNS. WOC 10 MINS.

TOP JOB #3: MIXED & PUMPED 50 SX (10.2 BBLs) OF PREMIUM CEMENT W/4% CaCl2 & 1/4#/SX FLOCELE. MIXED CEMENT @ 15.8 PPG W/YIELD OF 1.15 CF/SX. NO RETURNS. WOC 3 HRS, 30 MIN.

TOP JOB #4: MIXED & PUMPED 200 SX (41 BBLs) OF PREMIUM CEMENT W/4% CaCl2 & 1/4#/SX FLOCELE. MIXED CEMENT @ 15.8 PPG W/YIELD OF 1.15 CF/SX. NO RETURNS. WOC 1 HRS, 50 MIN.

TOP JOB #5: MIXED & PUMPED 250 SX (51.2 BBLs) OF PREMIUM CEMENT W/4% CaCl2 & 1/4#/SX FLOCELE. MIXED CEMENT @ 15.8 PPG W/YIELD OF 1.15 CF/SX. NO RETURNS. WOC 2 HRS, 15 MIN.

TOP JOB #6: MIXED & PUMPED 190 SX (39 BBLs) OF PREMIUM CEMENT W/4% CaCl2 & 1/4#/SX FLOCELE. MIXED CEMENT @ 15.8 PPG W/YIELD OF 1.15 CF/SX. HOLE FILLED AND STOOD FULL. RD BIG 4 CEMENTERS.

PREPARED LOCATION FOR ROTARY RIG. WORT. WILL DROP FROM REPORT UNTIL FURTHER ACTIVITY.

RAN SURVEY @ 2420', 1 DEG. TAGGED AT 2442'.

DALL COOK NOTIFIED DONNA KENNY W/VBLM OF THE SURFACE CASING & CEMENT JOB ON 1/8/2007 @ 3:30 PM.

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<b>01-20-2007</b>	<b>Reported By</b>	<b>BUTCH MCMANUS</b>									
<b>Daily Costs: Drilling</b>	\$0	<b>Completion</b>	\$0	<b>Daily Total</b>	\$0						
<b>Cum Costs: Drilling</b>		<b>Completion</b>	\$0	<b>Well Total</b>	'						
<b>MD</b>	2,585	<b>TVD</b>	2,585	<b>Progress</b>	0	<b>Days</b>	0	<b>MW</b>	0.0	<b>Visc</b>	0.0
<b>Formation :</b>	<b>PBTD : 0.0</b>			<b>Perf :</b>	<b>PKR Depth : 0.0</b>						
<b>Activity at Report Time: RIG DOWN</b>											
<b>Start</b>	<b>End</b>	<b>Hrs</b>	<b>Activity Description</b>								
06:00	06:00	24.0	RIGGING DOWN. 3 TRUCKS HAULED DRILL PIPE IN TUBS TO HOSS 12-31 LOCATION FROM GRBU 276-13H LABARGE LOCATION. CRANE & RIG UP TRUCKS SCHEDULED FOR 07:00 HRS, SATURDAY, 1/20/07.								

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EST SPUD FRI, 1/26/2007

SAFETY MEETINGS: SAFETY MEETING W/RIG MOVERS  
 NO ACCIDENTS  
 CREWS 9 MEN X 12 HRS  
 FUEL 2000 GALS ON HAND

01-23-2007 Reported By MCMANUS / SULLIVAN

<b>Daily Costs: Drilling</b>	<b>Completion</b>	\$0	<b>Daily Total</b>
<b>Cum Costs: Drilling</b>	<b>Completion</b>	\$0	<b>Well Total</b>
<b>MD</b> 2.585 <b>TVD</b> 2.585 <b>Progress</b> 0 <b>Days</b> 0 <b>MW</b> 0.0 <b>Visc</b> 0.0			
<b>Formation :</b>	<b>PBTD : 0.0</b>	<b>Perf :</b>	<b>PKR Depth : 0.0</b>

Activity at Report Time: RIG UP

Start	End	Hrs	Activity Description
06:00	18:00	12.0	RIGGING DOWN. RIG DOWN & MOVE SUB & DERRICK. 100% RIG OFF LOCATION @ 15:00 HRS, MONDAY, 1/22/07.

EST SPUD FRIDAY, 1/26/01  
 SAFETY MEETING: ICY CONDITIONS  
 NO ACCIDENTS  
 CREWS 9 MEN x 8 HRS  
 FUEL 2000 GALS ON HAND

18:00	06:00	12.0	RIG IDLE. WAITING ON DAYLIGHT.
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FULL CREWS  
 NO INCIDENTS REPORTED  
 TEMP -9 DEGREES

01-24-2007 Reported By MCMANUS / SULLIVAN

<b>Daily Costs: Drilling</b>	<b>Completion</b>	\$0	<b>Daily Total</b>
<b>Cum Costs: Drilling</b>	<b>Completion</b>	\$0	<b>Well Total</b>
<b>MD</b> 2.585 <b>TVD</b> 2.585 <b>Progress</b> 0 <b>Days</b> 0 <b>MW</b> 0.0 <b>Visc</b> 0.0			
<b>Formation :</b>	<b>PBTD : 0.0</b>	<b>Perf :</b>	<b>PKR Depth : 0.0</b>

Activity at Report Time: RIG IDLE - WAITING ON DAYLIGHT

Start	End	Hrs	Activity Description
06:00	07:00	1.0	RIG IDLE - WAITING ON DAYLIGHT.
07:00	18:00	11.0	MIRU ON HOSS 12-31, 20% MOVED, CAMP 80% UP.
18:00	06:00	12.0	RIG IDLE. WAITING ON DAYLIGHT.

NO INCIDENTS REPORTED  
 TEMP - 6 DEGREES  
 FUEL ON HAND 1800 GALS, 0 GALS USED

01-25-2007 Reported By KENNY HARRIS

<b>Daily Costs: Drilling</b>	<b>Completion</b>	\$0	<b>Daily Total</b>
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Start	End	Hrs	Activity Description
06:00	08:30	2.5	PRESSURE UP KOOMEY FOR TEST.
08:30	10:30	2.0	TEST UPPER AND LOWER KELLY, FLOOR AND DART VALVES.
10:30	12:00	1.5	THAW HCR AND MANIFOLD.
12:00	13:00	1.0	ATTEMPT TO TEST PIPE RAMS, NO TEST.
13:00	14:00	1.0	TOURQE WELL HEAD.
14:00	17:30	3.5	TEST ANNULAR AND PIPE RAMS MANUAL VALVES AND SUPER CHOKE TO 250 PSIG LOW AND 5000 PSIG HIGH EXCEPT FOR HYDRILL TO 2500 PSI.
17:30	19:00	1.5	SET WEAR BUSHING.
19:00	20:00	1.0	RIG UP LAYDOWN MACHINE.
20:00	22:00	2.0	STRAP BHA AND PRIME YELLOW DOG TO FILL MUD TANKS.
22:00	23:00	1.0	FINISH STRAPPING BHA.
23:00	23:30	0.5	SAFETY MEETING WITH LD CREWS.
23:30	00:30	1.0	PU BHA AND STAND BACK TO INSTALL WEAR BUSHING.
00:30	01:00	0.5	INSTALL WEAR BUSHING.
01:00	06:00	5.0	PU BHA. DRILL PIPE TO 1400'.

NO ACCIDENTS  
 SAFETY MEETING WITH CREWS: ABOUT PU DRILL PIPE  
 FUEL 6623 GALS, USED 728 GALS

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<b>01-29-2007</b>	<b>Reported By</b>	<b>KENNY HARRIS</b>									
<b>Daily Costs: Drilling</b>		<b>Completion</b>	\$0		<b>Daily Total</b>	\$					
<b>Cum Costs: Drilling</b>	\$	<b>Completion</b>	\$0		<b>Well Total</b>	\$					
<b>MD</b>	2,585	<b>TVD</b>	2,585	<b>Progress</b>	0	<b>Days</b>	0	<b>MW</b>	0.0	<b>Visc</b>	0.0
<b>Formation :</b>		<b>PBTD :</b>	0.0	<b>Perf :</b>		<b>PKR Depth :</b>	0.0				

**Activity at Report Time:** THAW RIG AND REPAIR SAME

Start	End	Hrs	Activity Description
06:00	09:00	3.0	PU DRILL PIPE HIT CEMENT AT 2475'.
09:00	10:00	1.0	THAW MUD LINES.
10:00	11:00	1.0	RU/RD SERVICE TOOLS INSTALL ROTATING RUBBER.
11:00	11:30	0.5	SERVICE RIG.
11:30	14:00	2.5	THAW AND INSTALL FLOWLINE (WENT TO BASIC RIG #30 AND GOT TIOGA HEATER TO HELP).
14:00	16:00	2.0	REPLACE CHARGER PUMP THAT HAD FROZE.
16:00	17:00	1.0	THAW GUN LINES.
17:00	18:00	1.0	CHANGED BELTS ON DESILTER PUMP.
18:00	22:00	4.0	RU/RD SERVICE TOOLS. HOOKED UP FLARE LINES AND IGNITER.
22:00	01:00	3.0	THAW MUD PUMPS #1AND #2.
01:00	04:00	3.0	BREAK KELLY AND THAW KELLY. THAW STAND PIPE.
04:00	06:00	2.0	LD KELLY, BREAK KELLY HOSE AND THAW KELLY HOSE.

NO ACCIDENTS  
 SAFETY MEETING WITH CREWS: WEATHER  
 CHECKED CROWN-O-MATIC  
 FUEL 5879 GALS, USED 744 GALS

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<b>01-30-2007</b>	<b>Reported By</b>	<b>KENNY HARRIS</b>									
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<b>Daily Costs: Drilling</b>	<b>Completion</b>	\$0	<b>Daily Total</b>	
<b>Cum Costs: Drilling</b>	<b>Completion</b>	\$0	<b>Well Total</b>	
<b>MD</b>	3.625	<b>TVD</b>	3.625	<b>Progress</b>
			1.040	<b>Days</b>
				1
<b>Formation :</b>		<b>PBTD : 0.0</b>		<b>Perf :</b>
				<b>MW</b>
				9.0
				<b>Visc</b>
				30.0
				<b>PKR Depth : 0.0</b>

**Activity at Report Time: DRILLING**

Start	End	Hrs	Activity Description
06:00	09:30	3.5	DRILL CEMENT/FLOAT EQUIP. FLOAT @ 2526', SHOE @ 2568', MW 8.9, VIS 30, 40 ROT, 100 SPM, 380 GPM, 2-5 WOB.
09:30	10:00	0.5	CIRC AND FIT TEST @ 2579' EQUILVENT TO 9.4 MW.
10:00	10:30	0.5	SERVICE RIG AND REPAIR POP OFF VALVE.
10:30	11:30	1.0	DRILL 2579' TO 2672', MW 9.0, VIS 30, ROT 40, 122 SPM, WOB 5-10, GPM 422.
11:30	12:30	1.0	LOSS OF RETURNS. MIX HI VIS AND LCM SWEEPS.
12:30	17:00	4.5	DRILLING 2672' TO 2980' WITH SAME PARIMETERS AS ABOVE.
17:00	18:00	1.0	LOSS OF RETURNS. PUMP HI VIS AND LCM PILL.
18:00	00:00	6.0	DRILLING 2980' TO 3500', FPH 86, VIS 31, MW 9.0, ROT 60, WOB 5-10, SPM 120, GPM 422.
00:00	01:00	1.0	SURVEY @ 3500', 1.5 DEGREES.
01:00	02:00	1.0	PUMP 80 BBLS OF HI VIS AND LCM PILL. SPOT ON BOTTOM UP TO 2000' IN CSG.
02:00	03:00	1.0	POH TO 2130' OR 15 STDS.
03:00	03:30	0.5	FIT TEST HELD 0 PSI. PUMPED 70 BBLS OF HI VIS INTO FORMATION. STARTED BY PUMPING 2 BBLS AND WAIT 5 MIN, 400 MAX PSIG, 0 PSIG. THEN AT WE PUMPED 8 BBLS, MAX 420 PSI AND 0 PSI, WAIT 5 MIN. PUMPED 12 BBLS, 380 MAX PSI, 0 PSI. WE CONTINUED TO PUMP 12 BBLS AND WAIT 5 MIN, SAME RESULTS 380 MAX PSI AND 0 PSI FOR A TOTAL OF 70 BBLS.
03:30	04:00	0.5	RIH TO 3500'.
04:00	06:00	2.0	DRILL 3500' TO 3625', WOB 10, ROT 60, MW 9.0, VIS 31, ROP 67, SPM 120, GPM 422.

NO ACCIDENTS  
 SAFETY MEETING WITH CREWS: MAKING CONNECTIONS  
 CHECKED CROWN-O-MATIC

06:00 18.0 SPUD 7 7/8" HOLE AT 10:30 HRS, 1/29/07.

<b>01-31-2007</b>	<b>Reported By</b>	KENNY HARRIS		
<b>Daily Costs: Drilling</b>	\$0	<b>Completion</b>		<b>Daily Total</b>
<b>Cum Costs: Drilling</b>		<b>Completion</b>		<b>Well Total</b>
<b>MD</b>	5.200	<b>TVD</b>	5.200	<b>Progress</b>
			1.575	<b>Days</b>
				2
<b>Formation :</b>		<b>PBTD : 0.0</b>		<b>Perf :</b>
				<b>MW</b>
				0.0
				<b>Visc</b>
				0.0
				<b>PKR Depth : 0.0</b>

**Activity at Report Time: DRILLING**

Start	End	Hrs	Activity Description
06:00	12:30	6.5	DRILLING FROM 3625' TO 4152', ROT 60, WOB 15, ROP 81', SPM 120, GPM 422, MW 9.2, VIS 31.
12:30	13:00	0.5	SERVICE RIG.
13:00	18:00	5.0	DRILLING FROM 4152' TO 4495', ROT 60, WOB 15, ROP 68', MW 9.4, VIS 32, GPM 422, SPM 120.
18:00	19:00	1.0	SURVEY @ 4995', 2 DEGREES.
19:00	06:00	11.0	DRILLING FROM 4495' TO 5200', MW 9.5, VIS 31, ROP 64, WOB 15-20, ROT 60, SPM 120, GPM 422.

FUEL 3000 GALS, USED 1500 GALS  
 NO ACCIDENTS

SAFETY MEETING WITH CREWS

BG GAS 200-300, CONN 1100-1400  
TOP OF WASACH 5117'

02-01-2007 Reported By KENNY HARRIS

Daily Costs: Drilling \$0 Completion \$0 Daily Total \$0  
 Cum Costs: Drilling : Completion Well Total  
 MD 6,300 TVD 6,300 Progress 1,100 Days 3 MW 0.0 Visc 0.0  
 Formation : PBTD : 0.0 Perf : PKR Depth : 0.0

Activity at Report Time: DRILLING

Start	End	Hrs	Activity Description
06:00	12:30	6.5	DRILLING 5200' TO 5536', WOB 10-20, ROT 60, ROP 57, MW 9.9, VIS 31, SPM 120, GPM 422.
12:30	13:00	0.5	SERVICE RIG.
13:00	06:00	17.0	DRILLING 5536' TO 6300', FPH 48', ROT 60, MW 10.0, VIS 32, SPM 120, GPM 422, WOB 15-20.

TOP OF CHAPITA @ 5774'  
NO SHOWS

FUEL 1500 GALS, USED 1500 GALS  
NO ACCIDENTS  
SAFETY MEETING WITH CREWS: HOUSE KEEPING  
CHECKED CROWN-O-MATIC  
BOP DRILLS WITH EACH CREWS

02-02-2007 Reported By KENNY HARRIS

Daily Costs: Drilling \$0 Completion \$0 Daily Total \$0  
 Cum Costs: Drilling Completion Well Total  
 MD 7,075 TVD 7,075 Progress 775 Days 4 MW 10.0 Visc 35.0  
 Formation : PBTD : 0.0 Perf : PKR Depth : 0.0

Activity at Report Time: DRILLING

Start	End	Hrs	Activity Description
06:00	12:30	6.5	DRILLING 6300' TO 6506', ROP 32', ROT 60, WOB 18-22, MW 10.0, VIS 34, SPM 120, GPM 422.
12:30	13:00	0.5	SERVICE RIG. CHECK CROWN-O-MATIC.
13:00	06:00	17.0	DRILLING 6506' TO 7075', ROP 34', ROT 60, MW 10.2, VIS 34, WOB 18-22, SPM 120, GPM 422.

NO ACCIDENTS  
SAFETY MEETING WITH CREWS: MUD WEIGHT  
FUEL 7495 GALS, RECIEVED 8000 GALS, USED 1968 GALS

FORMATION TOPS: 6440' BUCK CANYON

02-03-2007 Reported By KENNY HARRIS

Daily Costs: Drilling \$0 Completion Daily Total  
 Cum Costs: Drilling Completion Well Total  
 MD 7,197 TVD 7,197 Progress 122 Days 5 MW 10.0 Visc 35.0

Formation : PBTB : 0.0 Perf : PKR Depth : 0.0

Activity at Report Time: TIH W/NEW BIT

Start	End	Hrs	Activity Description
06:00	09:30	3.5	DRILLING 7075' TO 7165', WOB 20-22, ROT 60, SPM 120, GPM 422, ROP 27', MW 10.0, VIS 35, NO SHOWS.
09:30	10:00	0.5	SERVICE RIG. CHECK CROWN-O-MATIC.
10:00	11:30	1.5	DRILLING 7165' TO 7197', ROT 60, ROP 24', WOB 20, MW 10.0, VIS 36, SPM 120, GPM 422.
11:30	15:00	3.5	LOSS CIRC. SLOW PUMP DOWN AND PUMP LCM. REGAIN CIRC.
15:00	16:00	1.0	MIX HI VIS PILL TO SQUEEZE INTO FORMATION @ 3500'.
16:00	18:00	2.0	TRIP TO 3500'. PUMP 80 BBL PILL.
18:00	20:00	2.0	POH TO 2000' AND KELLY UP.
20:00	21:00	1.0	FIT TEST AND SQUEEZE 80 BBLS INTO FORMATION, 20 SKS = 350 HIGH AND 0 PSI LOW, 20 SPM = 450 HIGH AND 0 PSI LOW, 100 SKS = 450 HIGH AND 0 LOW, A TOTAL OF 800 SKS AND HIGH 450 PSI AND 0 LOW. MAX SPM WAS 52 SPM.
21:00	02:00	5.0	FINISH POH. LD MOTOR AND REAMERS.
02:00	03:30	1.5	PU NEW BIT. TRIP IN TO 377' AND KELLY UP TO TEST FLOAT.
03:30	04:30	1.0	RIG REPAIR WORK ON MUD PUMPS.
04:30	06:00	1.5	TRIP IN HOLE WITH BHA TO 1500'.

NO ACCIDENTS  
 SAFETY MEETING WITH CREWS: COLD WEATHER  
 NORTH HORN @ 7070'

BG GAS 20-30U. CONN GAS 40-70

02-04-2007		Reported By		KENNY HARRIS							
Daily Costs: Drilling		\$	Completion		\$0	Daily Total		\$			
Cum Costs: Drilling			Completion			Well Total					
MD	7.625	TVD	7.625	Progress	428	Days	6	MW	9.2	Visc	30.0
Formation :		PBTB : 0.0		Perf :		PKR Depth : 0.0					

Activity at Report Time: DRILLING

Start	End	Hrs	Activity Description
06:00	12:00	6.0	TRIP IN HOLE TO 5224', TIGHT HOLE.
12:00	19:00	7.0	WASH/REAM FROM 5224' TO 7197'. BUILD MUD WEIGHT TO 9.6 AND VIS OF 35 FROM TRONA WATER.
19:00	06:00	11.0	DRILLING 7197' TO 7625', ROP 39', MW 9.8, VIS 38, ROT 90, SPM 120, GPM 422, WOB 18-20.

CHECK CROWN-O-MATIC  
 NO ACCIDENTS  
 SAFETY MEETING WITH CREWS: TRIPPING  
 FUEL 4550 GALS, USED 1265 GALS

02-05-2007		Reported By		KENNY HARRIS							
Daily Costs: Drilling		\$	Completion		\$0	Daily Total		\$			
Cum Costs: Drilling		\$	Completion			Well Total					
MD	8.060	TVD	8.060	Progress	435	Days	7	MW	8.8	Visc	28.0
Formation :		PBTB : 0.0		Perf :		PKR Depth : 0.0					

Activity at Report Time: DRILLING

Start	End	Hrs	Activity Description
06:00	07:30	1.5	DRILLING 7625' TO 7657', WOB 18-20, MW 9.8, VIS 37, ROP 17, SPM 120, GPM 422.
07:30	08:30	1.0	LOSS CIRC AND BUILD VOLUME.
08:30	10:30	2.0	POH TO 5004', NO PROBLEMS.
10:30	11:30	1.0	BUILD VOLUME AND CONDITION MUD.
11:30	12:00	0.5	SERVICE RIG. CHECK CROWN-O-MATIC.
12:00	16:30	4.5	BUILD VOLUME AND CONDITION MUD.
16:30	19:00	2.5	TRIP IN HOLE TO 7630'. WASH/REAM TO 7657', NO PROBLEMS.
19:00	06:00	11.0	DRILING 7657' TO 8060', ROP 40, WOB 18-20, MW 9.4, VIS 34, SPM 100, GPM 380.

SHOWS @ 7882' AND 7959'  
 MAX GAS 3070U, BG GAS 350-550U, TRIP 8452U  
 KMV PRICE RIVER 7600'

NO ACCIDENTS  
 SAFETY MEETING WITH CREWS: MIXING MUD  
 FUEL 3252 GALS, USED 1298 GALS

02-06-2007 Reported By KENNY HARRIS

DailyCosts: Drilling	\$	Completion	\$0	Daily Total							
Cum Costs: Drilling	.	Completion		Well Total							
MD	8,195	TVD	8,195	Progress	135	Days	8	MW	8.5	Visc	30.0
Formation :	PBTB : 0.0		Perf :	PKR Depth : 0.0							

Activity at Report Time: WASH/REAM TO BOTTOM @ 8160'

Start	End	Hrs	Activity Description
06:00	07:00	1.0	DRILLING 8060' TO 8091', ROT 100, WOB 15-20, ROP 31, SPM 100, GPM 380, MW 9.4, VIS 35.
07:00	10:00	3.0	CIRCULATE TO BUILD VOLUME AND CONDITION.
10:00	13:00	3.0	DRILLING 8091' TO 8195', ROT 100, WOB 15-20, MW 9.4, VIS 35, ROP 36, SPM 100, GPM 380. DRILLING WITH NO RETURNS.
13:00	13:30	0.5	SERVICE RIG. CHECK CROWN-O-MATIC.
13:30	15:30	2.0	TRIP OUT OF HOLE, 27 STDS TO 5560'.
15:30	17:30	2.0	CIRCULATE TO BUILD VOLUME, NO RETURNS.
17:30	19:00	1.5	TRIP OUT OF HOLE TO 2487' TO BUILD VOLUME AND TO REGAIN CIRCULATION.
19:00	20:30	1.5	SLIP & CUT 100' DRILL LINE.
20:30	23:00	2.5	CIRC/COND AND BUILD VOLUME.
23:00	03:00	4.0	TRIP IN HOLE TO 8069'.
03:00	04:30	1.5	TIGHT HOLE, LD 6 SINGLES AND RUN IN 2 STDS.
04:30	06:00	1.5	WASH/REAM FROM 8069' TO BOTTOM, MW 9.0, VIS 34, LCM 10%.

NO ACCIDENTS  
 FUEL 2176 GALS, USED 1076 GALS  
 NO SHOWS  
 SAFETY MEETING WITH CREWS: WEIGHING THE MUD

02-07-2007 Reported By KENNY HARRIS

DailyCosts: Drilling	Completion	\$0	Daily Total
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Start	End	Hrs	Activity Description
06:00	11:30	5.5	TRIP OUT FOR BIT #3.
11:30	12:30	1.0	CO BIT AND FLOAT. MU SAME.
12:30	17:30	5.0	RIH TO @ 9326'. CHECK CROWN-O-MATIC.
17:30	02:00	8.5	DRILL ROTATE 9326' TO 9672', ROP 40, WOB 18-22, RPM 100, SPM 100, GPM 360. MUD WT 9.7, VIS 37. PSI 1000.
02:00	02:30	0.5	RIG REPAIR, CO FLUID END EXPENDABLES BOTH PUMPS.
02:30	06:00	3.5	DRILL ROTATE 9672' - 9797', ROP 36, WOB 18-22, RPM 100, SPM 100, GPM 360. MUD WT 9.7, VIS 37. PSI 1050.

LITHOLOGY: SS 70%, CARBSH 20%, SLTSTONE 10%

BG GAS 2600-4400U, CONN GAS 3700-4700U, TRIP GAS 4505 UNITS @ 8389', HIGH GAS 5027U @ 9435', FLARE 4-6'

TOPS: SEGO @ 9620'

NO INCIDENTS REPORTED

FULL CREWS

TEMP 22 DEGREES

FULE ON HAND 5587 GALS, USED 1328 GALS

02-10-2007 Reported By JC. SULLIVAN

<b>Daily Costs: Drilling</b>		<b>Completion</b>	\$0	<b>Daily Total</b>	3
<b>Cum Costs: Drilling</b>		<b>Completion</b>	:	<b>Well Total</b>	3
<b>MD</b>	9.840	<b>TVD</b>	9.840	<b>Progress</b>	513
				<b>Days</b>	12
				<b>MW</b>	9.6
				<b>Visc</b>	34.0
<b>Formation :</b>		<b>PBTD : 0.0</b>		<b>Perf :</b>	
				<b>PKR Depth : 0.0</b>	

Activity at Report Time: RUN 4.5 PRODUCTION CSG

Start	End	Hrs	Activity Description
06:00	08:00	2.0	DRILL ROTATE 9797' - 9840 TD, ROP 21.5, WOB 20-22, RPM 100, SPM 100, GPM 360, MUD WT 9.7, VIS 37. PSI 1025. REACHED TD AT 08:00 HRS, 2/9/07.
08:00	09:30	1.5	CIRC/CONDITION MUD.
09:30	11:30	2.0	WIPER TRIP/SHORT TRIP 20 STDS FROM 9840' - 7948'.
11:30	12:30	1.0	CIRCULATE/CONDITION MUD.
12:30	13:00	0.5	SERVICE RIG.
13:00	14:00	1.0	CIRCULATE/CONDITION MUD.
14:00	23:30	9.5	DROP SURVEY. LD DRILL PIPE. BREAK KELLY AND LD BHA.
23:30	00:00	0.5	TRIP. RETRIEVE WEAR BUSHING.
00:00	06:00	6.0	RU CALIBER TOOLS & RUN 4.5", 11.6#, HC P-110 LTC CASING @ 4,000'.

NO INCIDENTS REPORTED

FULL CREWS

SAFETY MEETINGS: LAYING DOWN DRILL PIPE/RUNNING CASING

TEMP 28 DEGREES

FUEL ON HAND 4259 GALS, USED 1329 GALS

BG GAS 2600-4400U, CONN GAS 3700-4700U, TRIP GAS 4505U @ 8389', HIGH GAS FORMATION 5080U @ 9808'

02-11-2007 Reported By JC. SULLIVAN

<b>Daily Costs: Drilling</b>		<b>Completion</b>	\$	<b>Daily Total</b>
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<b>Cum Costs: Drilling</b>		<b>Completion</b>		<b>Well Total</b>	<b>\$</b>
<b>MD</b>	9,840	<b>TVD</b>	9,840	<b>Progress</b>	0
				<b>Days</b>	13
<b>Formation :</b>		<b>PBTD : 0.0</b>		<b>Perf :</b>	
				<b>MW</b>	9.3
				<b>Visc</b>	33.0
				<b>PKR Depth : 0.0</b>	

Activity at Report Time: RDRT/WO COMPLETION

Start	End	Hrs	Activity Description
06:00	11:30	5.5	RAN 246 JTS (243 JTS + 2 MARKER JTS + 1 PUP JT) OF 4 1/2", 11.6#, HC P-110, LTC, PRODUCTION CASING. LANDED @ 9832'. RAN AS FOLLOWS: FS, 1 JT CASING, FC @ 9788', 54 JOINTS, MARKER JT 21.58' (TOP @ 7599', BOTTOM @ 7621'), 72 JTS CSG, MARKER JOINT 21.96' (TOP @ 4684.56', BOTTOM @ 4706.52'), 116 JOINTS CSG, 1 CASING HANGER 6'. RAN 15 CENTRALIZERS 1 5' ABOVE SHOE, 1 ON TOP OF JT #2, THEN EVERY 2ND JT TO @ 400' ABOVE THE ISLAND TOP 8624.62'.
11:30	12:00	0.5	SPACE OUT CASING. TAGGED BOTTOM @ 9840'. LD 1 JT CASING & PU TUBING HANGER.
12:00	13:00	1.0	RD CALIBER CSG CREW AND LD MACHINE.
13:00	13:30	0.5	HELD PRE JOB SAFETY MTG WITH SCHLUMBERGER AND CREWS. RU SLB CEMENTING SERVICE TOOLS.
13:30	17:30	4.0	PRESSURE TESTED LINES TO 5000 PSI & CEMENTED 4.5" PRODUCTION CASING AS FOLLOWS. 20 BBL CHEM WASH, 20 BBL FRESH WATER SPACER. 318 BBL LEAD 11.5 PPG (600 SKS). LEAD CEMENT G+ 10% D20, .2% D167, .2% D46, .50% D13, 125 LBS PER SACK D 130, .5% D65. PLUS 355 BBL TAIL, 14.1 PPG (1545 SKS). TAIL CEMENT 50/50 POZ G + 2% D20, .1% D46, .2% D167, .2% D65, .1% D13. SHUT DOWN WASH PUMPS & LINES. DROPPED TOP PLUG & DISPLACE WITH 149 BBL FRESH WATER WITH 2 GALLONS OF L64 PER THOUSAND GALS FRESH WATER @ 5.BPM AVERAGE. SLOWED PUMP RATE TO 2 BPM LAST 10 BBL. BUMPED PLUG W/3200 PSI (1000 PSI OVER FCP OF 2200 PSI @ 2.2 BPM @ 17:30 HRS, 2/10/07. HELD FOR 5 MINUTES. CHECK FLOATS. 1.5 BBL RETURNS. ESTIMATED TOPS OF CEMENT: LEAD TOP @ 2581' & TAIL TOP @ 4710'. USED TOP PLUG ONLY. PARTIAL RETURNS LAST 59 BBL.
17:30	18:00	0.5	LAND CASING ON HANGER (ST WT 129,000). LANDED WITH 110,000 ON HANGER. CONFIRMED HANGER SETTING AND TEST 5,000 PSI. RIG DOWN SCHLUMBERGER.
18:00	20:00	2.0	CLEAN MUD TANKS AND NIPPLE DOWN BOPS.
20:00	06:00	10.0	RIGRELEASED TO HOSS 010-31 @ 20:00 HRS 2/10/07 RIG DOWN.
			NO INCIDENTS REPORTED FULL CREWS TEMP 34 DEGREES SAFETY MEETING: RU & RUN CASING/CEMENTING
			MAST LOWERED @ 01:00 HRS, 2/11/07 NEXT WELL HOSS 10-31 TRUCKS SCHEDULED TO START MOVE 2/11/07
			TRANSFERRED TO HOSS 10-31: 3 JTS (120.50') 4 1/2", 11.6#, HC P-110, LTC CASING FUEL 3,252 GALS, USED 1,006 GALS 3,252 GALS FUEL
			MUD LOGGERS: CHUCK HALSTEAD 11 DAYS, JOE TISSAW 2 DAYS
06:00		18.0	RIG RELEASED @ 20:00 HRS, 2/10/07. CASING POINT COST \$1,052,907

02-19-2007      Reported By      SEARLE

Daily Costs: Drilling      \$0      Completion      \$      Daily Total

Cum Costs: Drilling      \$      Completion      \$      Well Total

MD      9,840      TVD      9,840      Progress      0      Days      14      MW      0.0      Visc      0.0

Formation :      PBTB : 9788.0      Perf :      PKR Depth : 0.0

Activity at Report Time: PREP FOR FRACS

Start      End      Hrs      Activity Description

06:00      06:00      24.0      MIRU SCHLUMBERGER. LOG WITH RST/CBL/CCL/VDL/GR FROM PBTB TO 60'. EST CEMENT TOP 980'. RD SCHLUMBERGER.

02-24-2007      Reported By      MCCURDY

Daily Costs: Drilling      \$0      Completion      \$      Daily Total

Cum Costs: Drilling      \$      Completion      \$      Well Total

MD      9,840      TVD      9,840      Progress      0      Days      15      MW      0.0      Visc      0.0

Formation :      PBTB : 9788.0      Perf :      PKR Depth : 0.0

Activity at Report Time: PREP FOR FRAC

Start      End      Hrs      Activity Description

14:00      15:00      1.0      NU 10M FRAC TREE. PRESSURE TEST FRAC TREE & CASING TO 8500 PSIG. PREP FOR FRAC.

03-01-2007      Reported By      DEAN KOUTROULIS

Daily Costs: Drilling      \$0      Completion      \$      Daily Total

Cum Costs: Drilling      \$      Completion      \$      Well Total

MD      9,840      TVD      9,840      Progress      0      Days      15      MW      0.0      Visc      0.0

Formation : LPR, MPR      PBTB : 9788.0      Perf : 9682-8320      PKR Depth : 0.0

Activity at Report Time: FRAC

Start      End      Hrs      Activity Description

06:00      06:00      24.0      RU CUTTERS WL. PERFORATED LOWER PRICE RIVER FROM 9682-83', 9626-27', 9594-95', 9580-81', 9541-42', 9523-24', 9509-10', 9502-03', 9453-54', 9448-49', 9437-38', & 9417-188' @ 3 SPF & 120° PHASING W/3-1/8" HSC CASING GUNS. RDWL. SICP 230 PSIG. RU SCHLUMBERGER. BD @ 4352 PSIG. ISIP 2700 PSIG. PUMPED 165 GALS T-106 SCALE INHIBITOR. FRACED DOWN CASING W/4970 GALS YF125ST+ PAD & 36566 GALS YF125ST+ & YF118ST+ W/130700# 20/40 SAND @ 1-6 PPG. MTP 8296 PSIG. MTR 51.8 BPM. ATP 5760 PSIG. ATR 48.2 BPM. ISIP 3000 PSIG. RD SCHLUMBERGER.

RU WL. SET CFP @ 9360'. PERFORATED LOWER PRICE RIVER FROM 9328-29', 9318-19', 9285-86', 9269-70', 9260-61', 9243-44', 9224-25', 9175-76', 9161-62', 9153-54', 9137-38', & 9121-22' @ 2 SPF & 180° PHASING W/3-1/8" HSC CASING GUNS. RDWL. SICP 2580 PSIG. RU SCHLUMBERGER. BD @ 4102 PSIG. ISIP 2650 PSIG. PUMPED 165 GALS T-106 SCALE INHIBITOR. FRACED DOWN CASING W/4938 GALS YF125ST+ PAD & 36627 GALS YF125ST+ & YF118ST+ W/130900# 20/40 SAND @ 1-6 PPG. MTP 8384 PSIG. MTR 53.5 BPM. ATP 6287 PSIG. ATR 47.7 BPM. ISIP 3250 PSIG. RD SCHLUMBERGER.

RU WL. SET CFP @ 9080'. PERFORATED MIDDLE PRICE RIVER FROM 9055-56', 9049-50', 9015-16', 8981-82', 8969-70', 8939-40', 8917-18', 8908-09', 8884-85', 8870-71', 8861-62', & 8831-32' @ 2 SPF & 180° PHASING W/3-1/8" HSC CASING GUNS. RDWL. SICP 2650 PSIG. RU SCHLUMBERGER. BD @ 5572 PSIG. ISIP 2900 PSIG. PUMPED 165 GALS T-106 SCALE INHIBITOR. FRACED DOWN CASING W/4940 GALS YF125ST+ PAD & 41517 GALS YF125ST+ & YF118ST+ W/146800# 20/40 SAND @ 1-6 PPG. MTP 8662 PSIG. MTR 51.1 BPM. ATP 7242 PSIG. ATR 45.8 BPM. ISIP 6000 PSIG. RD SCHLUMBERGER.

RU WL. SET CFP @ 8790'. PERFORATED MIDDLE PRICE RIVER FROM 8771-72', 8761-62', 8731-32', 8720-21', 8700-01', 8678-79', 8661-62', 8644-45', 8624-25', 8609-10', 8594-95', 8585-86', 8575-76', & 8558-59' @ 2 SPF & 180° PHASING W/3-1/8" HSC CASING GUNS. RDWL. SICP 2780 PSIG. RU SCHLUMBERGER. BD @ 4167 PSIG. ISIP 2650 PSIG. PUMPED 165 GALS T-106 SCALE INHIBITOR. FRACED DOWN CASING W/4944 GALS YF125ST+ PAD & 57819 GALS YF125ST+ & YF118ST+ W/238200# 20/40 SAND @ 1-6 PPG. MTP 8226 PSIG. MTR 51.1 BPM. ATP 5388 PSIG. ATR 48.8 BPM. ISIP 2800 PSIG. RD SCHLUMBERGER.

RU WL. SET CFP @ 8535'. PERFORATED MIDDLE PRICE RIVER FROM 8511-12', 8479-80', 8470-71', 8461-62', 8456-57', 8429-30', 8419-20', 8406-07', 8352-53', 8342-43', 8332-33', & 8320-21' @ 3 SPF & 120° PHASING W/3-1/8" HSC CASING GUNS. RDWL. SICP 1870 PSIG. RU SCHLUMBERGER. BD @ 3579 PSIG. ISIP 2050 PSIG. PUMPED 165 GALS T-106 SCALE INHIBITOR. FRACED DOWN CASING W/4947 GALS YF125ST+ PAD & 49156 GALS YF125ST+ & YF118ST+ W/19147# 20/40 SAND @ 1-6 PPG. MTP 7613 PSIG. MTR 51.4 BPM. ATP 5149 PSIG. ATR 48.4 BPM. ISIP 3300 PSIG. RD SCHLUMBERGER. SWIFN.

<b>03-02-2007</b>		<b>Reported By</b>		<b>DEAN KOUTROULIS</b>							
<b>Daily Costs: Drilling</b>		\$0		<b>Completion</b>		%		<b>Daily Total</b>			
<b>Cum Costs: Drilling</b>				<b>Completion</b>		%		<b>Well Total</b>			
<b>MD</b>	9.840	<b>TVD</b>	9.840	<b>Progress</b>	0	<b>Days</b>	16	<b>MW</b>	0.0	<b>Visc</b>	0.0
<b>Formation : MESAVERDE,</b>			<b>PBTD : 9788.0</b>			<b>Perf : 7076-9682</b>			<b>PKR Depth : 0.0</b>		
<b>WASATCH</b>											

**Activity at Report Time: PREP TO MIRUSU**

Start	End	Hrs	Activity Description
06:00	06:00	24.0	SICP 1600 PSIG. RU CUTTERS WL. SET 10K CFP @ 8260'. PERFORATED UPR FROM 7999-8000', 8005-06', 8040-41', 8048-49', 8062-63', 8095-96', 8124-25', 8153-54', 8168-69', 8174-75', 8214-15' & 8221-22' @ 3 SPF & 120° PHASING. RDWL. RU SCHLUMBERGER. FRAC DOWN CASING WITH 165 GAL GYPTRON T-106, 4947 GAL YF125ST+ PAD & 45248 GAL YF125ST+ & YF118ST+ WITH 169000# 20/40 SAND @ 1-6 PPG. MTP 6773 PSIG. MTR 50.2 BPM. ATP 5016 PSIG. ATR 47.7 BPM. ISIP 3000 PSIG. RD SCHLUMBERGER.

RUWL. SET 10K CFP @ 7960'. PERFORATED UPR FROM 7657-58', 7702-03', 7717-18', 7723-24', 7736-37' (MISFIRE), 7742-43', 7780-81', 7794-95', 7824-25', 7835-36', 7844-45' & 7935-36' @ 3 SPF & 120° PHASING. RDWL. RU SCHLUMBERGER. FRAC DOWN CASING WITH 165 GAL GYPTRON T-106, 4942 GAL YF125ST+ PAD & 42176 GAL YF125ST+ & YF118ST+ WITH 134000# 20/40 SAND @ 1-5 PPG. MTP 7561 PSIG. MTR 50.6 BPM. ATP 4042 PSIG. ATR 36.6 BPM. ISIP 2300 PSIG. RD SCHLUMBERGER.

NOTE: SHUT DOWN DURING 4# STAGE 20 MINUTES DUE TO BLENDER PROBLEMS. PUMPED 5# STAGE & FLUSHED EARLY DUE TO PRESSURE INCREASE.

RUWL. SET 10K CFP @ 7570'. PERFORATED NH FROM 7384-85', 7397-98', 7412-13', 7429-30', 7438-39', 7449-50', 7453-54', 7458-59', 7503-04', 7516-17', 7522-23' & 7541-42' @ 2 SPF & 180° PHASING. RDWL. RU SCHLUMBERGER. FRAC DOWN CASING WITH 165 GAL GYPTRON T-106, 4967 GAL YF123ST+ PAD & 48018 GAL YF123ST+ & YF118ST+ WITH 184100# 20/40 SAND @ 1-6 PPG. MTP 8497 PSIG. MTR 50.2 BPM. ATP 5816 PSIG. ATR 44 BPM. ISIP 2500 PSIG. RD SCHLUMBERGER.

RUWL. SET 10K CFP @ 7294'. PERFORATED NH FROM 7076-77', 7110-11', 7157-58', 7177-78', 7203-04', 7221-22', 7225-26', 7239-40', 7252-54' & 7262-64' @ 3 SPF & 120° PHASING. RDWL. RU SCHLUMBERGER. FRAC DOWN CASING WITH 165 GAL GYPTRON T-106, 4940 GAL YF123ST+ PAD & 41225 GAL YF123ST+ & YF118ST+ WITH 156557# 20/40 SAND @ 1-6 PPG. MTP 6498 PSIG. MTR 50.2 BPM. ATP 4889 PSIG. ATR 47.9 BPM. ISIP 3000 PSIG. RD SCHLUMBERGER.

RUWL. SET 10K CBP @ 6970'. BLEED OFF PRESSURE. RDWL. SDFN.

03-06-2007 Reported By HISLOP

Daily Costs: Drilling \$0 Completion \$ Daily Total \$  
 Cum Costs: Drilling \$ Completion \$ Well Total \$

MD 9,840 TVD 9,840 Progress 0 Days 17 MW 0.0 Visc 0.0

Formation : MESAVERDE, PBTBTD : 9788.0 Perf : 7076-9682 PKR Depth : 0.0  
 WASATCH

Activity at Report Time: DRILL CFPS

Start End Hrs Activity Description  
 06:00 17:00 11.0 MIRU ROYAL WELL SERVICE RIG #2. SICP 0 PSIG. ND FRAC VALVE. NU BOP. RIH WITH 3-7/8" HURRICANE  
 MILL & PUMP OFF BIT SUB TO CBP @ 6970'. SDFN.

03-07-2007 Reported By HISLOP

Daily Costs: Drilling \$0 Completion \$ Daily Total \$  
 Cum Costs: Drilling \$ Completion \$ Well Total \$

MD 9,840 TVD 9,840 Progress 0 Days 18 MW 0.0 Visc 0.0

Formation : MESAVERDE, PBTBTD : 9788.0 Perf : 7076-9682 PKR Depth : 0.0  
 WASATCH

Activity at Report Time: FLOW TEST

Start End Hrs Activity Description  
 06:00 06:00 24.0 SITP 0 PSIG. SICP 0 PSIG. CLEANED OUT & DRILLED OUT PLUGS @ 6970', 7294', 7570', 7960', 8260', 8535',  
 8790', 9080' & 9360'. RIH. CLEANED OUT TO PBTBTD @ 9788'. LANDED TUBING @ 7067' KB. ND BOPE. NU  
 TREE. PUMPED OFF BIT & SUB. RDMOSU.

FLOWED 12 HRS. 16/64" CHOKE. FTP 1250 PSIG. CP 1500 PSIG. 38 BFPH. RECOVERED 535 BLW. 11465 BLWTR.

TUBING DETAIL LENGTH

PUMP OFF SUB .91'  
 1 JT 2-3/8" 4.7# L-80 TBG 32.83'  
 XN NIPPLE 1.30'  
 214 JTS 2-3/8" 4.7# L-80 TBG 7015.48'  
 BELOW KB 16.00'  
 LANDED @ 7066.52' KB

03-08-2007 Reported By HISLOP

Daily Costs: Drilling \$0 Completion \$ Daily Total \$  
 Cum Costs: Drilling \$ Completion \$ Well Total \$

MD 9,840 TVD 9,840 Progress 0 Days 19 MW 0.0 Visc 0.0

Formation : MESAVERDE, PBTBTD : 9788.0 Perf : 7076-9682 PKR Depth : 0.0  
 WASATCH

Activity at Report Time: FLOW TEST

Start End Hrs Activity Description  
 06:00 06:00 24.0 FLOWED 24 HRS. 16/64" CHOKE. FTP 1200 PSIG. CP 2000 PSIG. 34 BFPH. RECOVERED 816 BLW. 10649 BLWTR.

03-09-2007 Reported By HISLOP

Daily Costs: Drilling \$0 Completion \$ Daily Total \$  
 Cum Costs: Drilling \$ Completion \$ Well Total \$

MD 9,840 TVD 9,840 Progress 0 Days 20 MW 0.0 Visc 0.0  
 Formation : MESAVERDE, PBTB : 9788.0 Perf : 7076-9682 PKR Depth : 0.0  
 WASATCH

Activity at Report Time: FLOW TEST

Start	End	Hrs	Activity Description
06:00	06:00	24.0	FLOWED 24 HRS. 16/64" CHOKE. FTP 1200 PSIG. CP 2500 PSIG. 30 BFPH. RECOVERED 728 BLW. 9921 BLWTR.

03-10-2007 Reported By HISLOP

Daily Costs: Drilling	Completion	Daily Total
\$0		
Cum Costs: Drilling	Completion	Well Total
		\$

MD 9,840 TVD 9,840 Progress 0 Days 21 MW 0.0 Visc 0.0  
 Formation : MESAVERDE, PBTB : 9788.0 Perf : 7076-9682 PKR Depth : 0.0  
 WASATCH

Activity at Report Time: FLOW TEST

Start	End	Hrs	Activity Description
06:00	06:00	24.0	FLOWED 24 HRS. 16/64" CHOKE. FTP 1200 PSIG. CP 2500 PSIG. 34 BFPH. RECOVERED 635 BLW. 9286 BLWTR.

03-11-2007 Reported By HISLOP

Daily Costs: Drilling	Completion	Daily Total
\$0		
Cum Costs: Drilling	Completion	Well Total

MD 9,840 TVD 9,840 Progress 0 Days 22 MW 0.0 Visc 0.0  
 Formation : MESAVERDE, PBTB : 9788.0 Perf : 7076-9682 PKR Depth : 0.0  
 WASATCH

Activity at Report Time: WO FACILITIES

Start	End	Hrs	Activity Description
06:00	13:00	7.0	FLOWED 7 HRS. 16/64" CHOKE. FTP 1200 PSIG. CP 2500 PSIG. 22 BFPH. RECOVERED 174 BLW. 9112 BLWTR. SI. WO FACILITIES.

FINAL COMPLETION DATE: 3/10/07

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

FORM APPROVED  
OMB NO. 1004-0137  
Expires: March 31, 2007

5. Lease Serial No. **UTU-61401**

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

8. Lease Name and Well No. **Hoss 12-31**

9. AFI Well No. **43-047-38656**

10. Field and Pool, or Exploratory **Natural Buttes/Wasatch/Mesaverde**

11. Sec., T., R., M., on Block and Survey or Area **Sec. 31-T8S-R23E**

12. County or Parish **Utah County** 13. State **UT**

17. Elevations (DF, RKB, RT, GL)\* **4886 NAT GL**

1. a. Type of Well  Oil Well  Gas Well  Dry  Other  
 b. Type of Completion:  New Well  Work Over  Deepen  Plug Back  Diff. Resrv.,  
 Other \_\_\_\_\_

2. Name of Operator **EOG Resources, Inc.**

3. Address **600 17th Street, Suite 1000N, Denver, CO 80202** 3a. Phone No. (include area code) **303-262-2812**

4. Location of Well (Report location clearly and in accordance with Federal requirements)\*  
 At surface **1,980' FNL & 1,980' FEL (SWNE) 40.081047 LAT 109.367442 LON**  
 At top prod. interval reported below **Same**  
 At total depth **Same**

14. Date Spudded **12/31/2006** 15. Date T.D. Reached **02/09/2007** 16. Date Completed **03/31/2007**  
 D & A  Ready to Prod.

18. Total Depth: MD **9840'** 19. Plug Back T.D.: MD **9788'** 20. Depth Bridge Plug Set: MD  
 TVD TVD TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each) **RST/CBL/CCL/VDL/GR**

22. Was well cored?  No  Yes (Submit analysis)  
 Was DST run?  No  Yes (Submit report)  
 Directional Survey?  No  Yes (Submit copy)

23. Casing and Liner Record (Report all strings set in well)

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
12-1/4"	9-5/8"	36	J-55	0-2581		1310 sx			
7-7/8"	4-1/2"	11.6	HCP-110	0-9832		2145 sx			

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2-3/8"	7067							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Mesaverde	7657	9683	9417 - 9683		3/spf	
B) Wasatch	7076	7542	9121 - 9329		2/spf	
C)			8831 - 9056		2/spf	
D)			8558 - 8772		2/spf	

27. Acid, Fracture, Treatment, Cement Squeeze, etc.

Depth Interval	Amount and Type of Material
9417 - 9683	41,701 GALS GELLED WATER & 130,700# 20/40 SAND
9121 - 9329	41,730 GALS GELLED WATER & 130,900# 20/40 SAND
8831 - 9056	46,622 GALS GELLED WATER & 146,800# 20/40 SAND
8558 - 8772	62,928 GALS GELLED WATER & 238,200# 20/40 SAND

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
03/31/2007	04/04/2007	24	→	35	460	160			FLOWING
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
12/64"	SI 1750	2650	→	35	460	160			PRODUCING

28a. Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
	SI		→						

\*(See instructions and spaces for additional data on page 2)

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28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	

28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	

29. Disposition of Gas (Sold, used for fuel, vented, etc.)

**SOLD**

30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

31. Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas. Depth
Mesaverde	7657	9683		Wasatch	5115
Wasatch	5805	7542		Chapita Wells	5715
				Buck Canyon	6340
				North Horn	7067
				Mesaverde	7583
				Middle Price River	8324
				Lower Price River	9178
				Sego	9718

32. Additional remarks (include plugging procedure):

**SEE ATTACHED SHEET**

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**MAY 02 2007**

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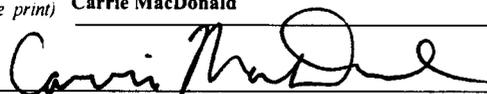
33. Indicate which items have been attached by placing a check in the appropriate boxes:

- Electrical/Mechanical Logs (1 full set req'd.)   
  Geologic Report   
  DST Report   
  Directional Survey  
 Sundry Notice for plugging and cement verification   
  Core Analysis   
  Other:

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)\*

Name (please print) Carrie MacDonald

Title Operations Clerk

Signature 

Date 04/30/2007

Title 18 U.S.C Section 1001 and Title 43 U.S.C Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

**Hoss 12-31 - ADDITIONAL REMARKS (CONTINUED):**

**26. PERFORATION RECORD**

8320-8512	3/spf
7999-8222	3/spf
7657-7936	3/spf
7384-7542	2/spf
7076-7264	3/spf

**27. ACID, FRACTURE TREATMENT, CEMENT SQUEEZE, ETC.**

8320-8512	54,268 GALS GELLED WATER & 191,147# 20/40 SAND
7999-8222	50,360 GALS GELLED WATER & 169,000# 20/40 SAND
7657-7936	47,283 GALS GELLED WATER & 134,000# 20/40 SAND
7384-7542	53,150 GALS GELLED WATER & 184,100# 20/40 SAND
7076-7264	46,330 GALS GELLED WATER & 156,557# 20/40 SAND

Perforated the Lower Price River from 9417-9418', 9437-9438', 9448-9449', 9453-9454', 9502-9503', 9509-9510', 9523-9524', 9541-9542', 9580-9581', 9594-9595', 9626-9627', 9682-9683' w/ 3 spf.

Perforated the Lower Price River from 9121-9122', 9137-9138', 9153-9154', 9161-9162', 9175-9176', 9224-9225', 9243-9244', 9260-9261', 9269-9270', 9285-9286', 9318-9319', 9328-9329' w/ 2 spf.

Perforated the Middle Price River from 8831-8832', 8861-8862', 8870-8871', 8884-8885', 8908-8909', 8917-8918', 8939-8940', 8969-8970', 8981-8982', 9015-9016', 9049-9050', 9055-9056' w/ 2 spf.

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**MAY 02 2007**

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Perforated the Middle Price River from 8558-8559', 8575-8576', 8585-8586', 8594-8595', 8609-8610', 8624-8625', 8644-8645', 8661-8662', 8678-8679', 8700-8701', 8720-8721', 8731-8732', 8761-8762', 8771-~~8772~~' w/ 2 spf.

Perforated the Middle Price River from 8320-8321', 8332-8333', 8342-8343', 8352-8353', 8406-8407', 8419-8420', 8429-8430', 8456-8457', 8461-8462', 8470-8471', 8479-8480', 8511-8512' w/ 3 spf.

Perforated the Upper Price River from 7999-8000', 8005-8006', 8040-8041', 8048-8049', 8062-8063', 8095-8096', 8124-8125', 8153-8154', 8168-8169', 8174-8175', 8214-8215', 8221-8222' w/ 3 spf.

Perforated the Upper Price River from 7657-7658', 7702-7703', 7717-7718', 7723-7724', 7736-7737', 7742-7743', 7780-7781', 7794-7795', 7824-7825', 7835-7836', 7844-7845', 7935-7936' w/ 3 spf.

Perforated the North Horn from 7384-7385', 7397-7398', 7412-7413', 7429-7430', 7438-7439', 7449-7450', 7453-7454', 7458-7459', 7503-7504', 7516-7517', 7522-7523', 7541-7542' w/ 2 spf.

Perforated the North Horn from **7076-7077**', 7110-7111', 7157-7158', 7177-7178', 7203-7204', 7221-7222', 7225-7226', 7239-7240', 7252-7254', 7262-7264' w/ 3 spf.

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**STATE OF UTAH**  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 7

**REPORT OF WATER ENCOUNTERED DURING DRILLING**

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**MAY 02 2007**

Well name and number: HOSS 12-31

API number: 43-047-38656

Well Location: QQ SWNE Section 31 Township 8S Range 23E County UINTAH

DIV. OF OIL, GAS & MINING

Well operator: EOG Resources, Inc.

Address: 1060 E HWY 40

city VERNAL state UT zip 84078

Phone: (435) 781-9111

Drilling contractor: BILL JR RATHOLE DRILLING

Address: 384 E 2500 S

city VERNAL state UT zip 84078

Phone: (435) 789-4729

Water encountered (attach additional pages as needed):

DEPTH		VOLUME (FLOW RATE OR HEAD)	QUALITY (FRESH OR SALTY)
FROM	TO		
2,190	2,230	NO FLOW	NOT KNOWN

Formation tops:      1 \_\_\_\_\_      2 \_\_\_\_\_      3 \_\_\_\_\_  
(Top to Bottom)      4 \_\_\_\_\_      5 \_\_\_\_\_      6 \_\_\_\_\_  
                                 7 \_\_\_\_\_      8 \_\_\_\_\_      9 \_\_\_\_\_  
                                 10 \_\_\_\_\_      11 \_\_\_\_\_      12 \_\_\_\_\_

If an analysis has been made of the water encountered, please attach a copy of the report to this form.

I hereby certify that this report is true and complete to the best of my knowledge.

NAME (PLEASE PRINT) Carrie MacDonald

TITLE Operations Clerk

SIGNATURE *Carrie MacDonald*

DATE 4/30/2007

Form 3160-4  
(February 2005)

UNITED STATES  
R DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB NO. 1004-0137  
Expires: March 31, 2007

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well  Oil Well  Gas Well  Dry  Other  
b. Type of Completion:  New Well  Work Over  Deepen  Plug Back  Diff. Resvr.,  
Other \_\_\_\_\_

2. Name of Operator **EOG Resources, Inc.**

3. Address **600 17th Street, Suite 1000N, Denver, CO 80202**

3a. Phone No. (include area code)  
**303-262-2812**

4. Location of Well (Report location clearly and in accordance with Federal requirements)\*

At surface **1,980' FNL & 1,980' FEL (SWNE) 40.081047 LAT 109.367442 LON**

At top prod. interval reported below **Same**

At total depth **Same**

14. Date Spudded  
**12/31/2006**

15. Date T.D. Reached  
**02/09/2007**

16. Date Completed **03/30/2007**  
 D & A  Ready to Prod.

10. Field and Pool, or Exploratory

**Natural Buttes/Wasatch/Mesave**

11. Sec., T., R., M., on Block and Survey or Area **Sec. 31-T8S-R23E**

12. County or Parish **Uintah County**

13. State **UT**

17. Elevations (DF, RKB, RT, GL)\*  
**4886 NAT GL**

18. Total Depth: MD **9840'**  
TVD

19. Plug Back T.D.: MD **9788'**  
TVD

20. Depth Bridge Plug Set: MD  
TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)

**RST/CBL/CCL/VDL/GR**

22. Was well cored?  No  Yes (Submit analysis)  
Was DST run?  No  Yes (Submit report)  
Directional Survey?  No  Yes (Submit copy)

23. Casing and Liner Record (Report all strings set in well)

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
12-1/4"	9-5/8"	36	J-55	0-2581		1310 sx			
7-7/8"	4-1/2"	11.6	HCP-110	0-9832		2145 sx			

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2-3/8"	7067							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Mesaverde	7657	9683	9417 - 9683		3/spf	
B) Wasatch	7076	7542	9121 - 9329		2/spf	
C)			8831 - 9056		2/spf	
D)			8558 - 8772		2/spf	

27. Acid, Fracture, Treatment, Cement Squeeze, etc.

Depth Interval	Amount and Type of Material
9417 - 9683	41,701 GALS GELLED WATER & 130,700# 20/40 SAND
9121 - 9329	41,730 GALS GELLED WATER & 130,900# 20/40 SAND
8831 - 9056	46,622 GALS GELLED WATER & 146,800# 20/40 SAND
8558 - 8772	62,928 GALS GELLED WATER & 238,200# 20/40 SAND

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
03/30/2007	04/04/2007	24	→	35	460	160			FLOWING
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	Production Method
12/64"	SI 1750	2650	→	35	460	160			PRODUCING

28a. Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	Production Method
	SI		→						

\*(See instructions and spaces for additional data on page 2)

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28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	

28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	

29. Disposition of Gas (Sold, used for fuel, vented, etc.)

**SOLD**

30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

31. Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas. Depth
Mesaverde	7657	9683		Wasatch	5115
Wasatch	5805	7542		Chapita Wells	5715
				Buck Canyon	6340
				North Horn	7067
				Mesaverde	7583
				Middle Price River	8324
				Lower Price River	9178
				Sego	9718

32. Additional remarks (include plugging procedure):

**SEE ATTACHED SHEET**

33. Indicate which items have been attached by placing a check in the appropriate boxes:

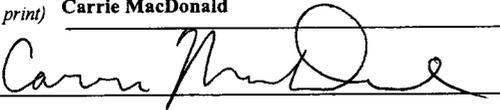
- Electrical/Mechanical Logs (1 full set req'd.)   
  Geologic Report   
  DST Report   
  Directional Survey  
 Sundry Notice for plugging and cement verification   
  Core Analysis   
  Other:

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)\*

Name (please print) **Carrie MacDonald**

Title **Operations Clerk**

Signature



Date **05/02/2007**

Title 18 U.S.C Section 1001 and Title 43 U.S.C Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

**Hoss 12-31 - ADDITIONAL REMARKS (CONTINUED):**

**26. PERFORATION RECORD**

8320-8512	3/spf
7999-8222	3/spf
7657-7936	3/spf
7384-7542	2/spf
7076-7264	3/spf

**27. ACID, FRACTURE TREATMENT, CEMENT SQUEEZE, ETC.**

8320-8512	54,268 GALS GELLED WATER & 191,147# 20/40 SAND
7999-8222	50,360 GALS GELLED WATER & 169,000# 20/40 SAND
7657-7936	47,283 GALS GELLED WATER & 134,000# 20/40 SAND
7384-7542	53,150 GALS GELLED WATER & 184,100# 20/40 SAND
7076-7264	46,330 GALS GELLED WATER & 156,557# 20/40 SAND

Perforated the Lower Price River from 9417-9418', 9437-9438', 9448-9449', 9453-9454', 9502-9503', 9509-9510', 9523-9524', 9541-9542', 9580-9581', 9594-9595', 9626-9627', 9682-9683' w/ 3 spf.

Perforated the Lower Price River from 9121-9122', 9137-9138', 9153-9154', 9161-9162', 9175-9176', 9224-9225', 9243-9244', 9260-9261', 9269-9270', 9285-9286', 9318-9319', 9328-9329' w/ 2 spf.

Perforated the Middle Price River from 8831-8832', 8861-8862', 8870-8871', 8884-8885', 8908-8909', 8917-8918', 8939-8940', 8969-8970', 8981-8982', 9015-9016', 9049-9050', 9055-9056' w/ 2 spf.

Perforated the Middle Price River from 8558-8559', 8575-8576', 8585-8586', 8594-8595', 8609-8610', 8624-8625', 8644-8645', 8661-8662', 8678-8679', 8700-8701', 8720-8721', 8731-8732', 8761-8762', 8771-8772' w/ 2 spf.

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Perforated the Upper Price River from 7999-8000', 8005-8006', 8040-8041', 8048-8049', 8062-8063', 8095-8096', 8124-8125', 8153-8154', 8168-8169', 8174-8175', 8214-8215', 8221-8222' w/ 3 spf.

Perforated the Upper Price River from 7657-7658', 7702-7703', 7717-7718', 7723-7724', 7736-7737', 7742-7743', 7780-7781', 7794-7795', 7824-7825', 7835-7836', 7844-7845', 7935-7936' w/ 3 spf.

Perforated the North Horn from 7384-7385', 7397-7398', 7412-7413', 7429-7430', 7438-7439', 7449-7450', 7453-7454', 7458-7459', 7503-7504', 7516-7517', 7522-7523', 7541-7542' w/ 2 spf.

Perforated the North Horn from 7076-7077', 7110-7111', 7157-7158', 7177-7178', 7203-7204', 7221-7222', 7225-7226', 7239-7240', 7252-7254', 7262-7264' w/ 3 spf.

**STATE OF UTAH**  
 DEPARTMENT OF NATURAL RESOURCES  
 DIVISION OF OIL, GAS AND MINING

FORM 7

**REPORT OF WATER ENCOUNTERED DURING DRILLING**

Well name and number: HOSS 12-31

API number: 43-047-38656

Well Location: QQ SWNE Section 31 Township 8S Range 23E County UINTAH

Well operator: EOG Resources, Inc.

Address: 1060 E HWY 40

city VERNAL state UT zip 84078

Phone: (435) 781-9111

Drilling contractor: BILL JR RATHOLE DRILLING

Address: 384 E 2500 S

city VERNAL state UT zip 84078

Phone: (435) 789-4729

Water encountered (attach additional pages as needed):

DEPTH		VOLUME (FLOW RATE OR HEAD)	QUALITY (FRESH OR SALTY)
FROM	TO		
2,190	2,230	NO FLOW	NOT KNOWN

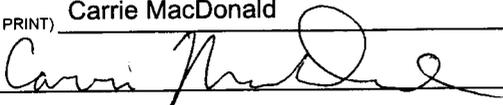
Formation tops:            1 \_\_\_\_\_            2 \_\_\_\_\_            3 \_\_\_\_\_  
 (Top to Bottom)            4 \_\_\_\_\_            5 \_\_\_\_\_            6 \_\_\_\_\_  
    7 \_\_\_\_\_            8 \_\_\_\_\_            9 \_\_\_\_\_  
    10 \_\_\_\_\_            11 \_\_\_\_\_            12 \_\_\_\_\_

If an analysis has been made of the water encountered, please attach a copy of the report to this form.

I hereby certify that this report is true and complete to the best of my knowledge.

NAME (PLEASE PRINT) Carrie MacDonald

TITLE Operations Clerk

SIGNATURE 

DATE 5/2/2007

Form 3160-5  
(February 2005)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0137  
Expires: March 31, 2007

**SUNDRY NOTICES AND REPORTS ON WELLS**

*Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.*

<b>SUBMIT IN TRIPLICATE- Other instructions on reverse side.</b>		5. Lease Serial No. <b>UTU-61401</b>
1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		6. If Indian, Allottee or Tribe Name
2. Name of Operator <b>EOG Resources, Inc.</b>		7. If Unit or CA/Agreement, Name and/or No.
3a. Address <b>600 17th Street, Suite 1000N, Denver, CO 80202</b>	3b. Phone No. (include area code) <b>303-824-5526</b>	8. Well Name and No. <b>Hoss 12-31</b>
4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  <b>1980' FNL &amp; 1980' FEL (SW/NE) Sec. 31-T8S-R23E 40.081047 LAT 109.367442 LON</b>		9. API Well No. <b>43-047-38656</b>
		10. Field and Pool, or Exploratory Area <b>Natural Buttes/Wasatch/Mesaverde</b>
		11. County or Parish, State  <b>Uintah County, Utah</b>

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input checked="" type="checkbox"/> Production (Start/Resume)
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal
			<input type="checkbox"/> Water Shut-Off
			<input type="checkbox"/> Well Integrity
			<input type="checkbox"/> Other _____

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplate horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

**The referenced well was turned to sales on 3/10/2007.**

14. I hereby certify that the foregoing is true and correct Name (Printed/Typed) <b>Mary A. Maestas</b>		Title <b>Regulatory Assistant</b>
Signature 	Date <b>08/02/2007</b>	

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by _____	Title _____	Date _____
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.		
Office _____		

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

**RECEIVED**

**AUG 06 2007**

**DIV. OF OIL, GAS & MINING**

IP DATE CORRECTED FROM A PREVIOUS SUBMISSION DATED 5/2/2007

Form 3160-4  
(February 2005)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB NO. 1004-0137  
Expires: March 31, 2007

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No. **UTU-61401**

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

8. Lease Name and Well No. **Hoss 12-31**

9. AFI Well No. **43-047-38656**

10. Field and Pool, or Exploratory **Natural Buttes/Wasatch/Mesave**

11. Sec., T., R., M., on Block and Survey or Area **Sec. 31-T8S-R23E**

12. County or Parish **Uintah County** 13. State **UT**

14. Date Spudded **12/31/2006** 15. Date T.D. Reached **02/09/2007** 16. Date Completed **03/10/2007**  
 D & A  Ready to Prod.

17. Elevations (DF, RKB, RT, GL)\* **4886 NAT GL**

18. Total Depth: MD **9840'** 19. Plug Back T.D.: MD **9788'** 20. Depth Bridge Plug Set: MD  
TVD TVD TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each) **RST/CBL/CCL/VDL/GR**

22. Was well cored?  No  Yes (Submit analysis)  
Was DST run?  No  Yes (Submit report)  
Directional Survey?  No  Yes (Submit copy)

23. Casing and Liner Record (Report all strings set in well)

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
12-1/4"	9-5/8"	36	J-55	0-2581		1310 sx			
7-7/8"	4-1/2"	11.6	HCP-110	0-9832		2145 sx			

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2-3/8"	7067							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Mesaverde	7657	9683	9417 - 9683		3/spf	
B) Wasatch	7076	7542	9121 - 9329		2/spf	
C)			8831 - 9056		2/spf	
D)			8558 - 8772		2/spf	

27. Acid, Fracture, Treatment, Cement Squeeze, etc.

Depth Interval	Amount and Type of Material
9417 - 9683	41,701 GALS GELLED WATER & 130,700# 20/40 SAND
9121 - 9329	41,730 GALS GELLED WATER & 130,900# 20/40 SAND
8831 - 9056	46,622 GALS GELLED WATER & 146,800# 20/40 SAND
8558 - 8772	62,928 GALS GELLED WATER & 238,200# 20/40 SAND

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
03/30/2007	04/04/2007	24	→	35	460	160			FLOWING
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
12/64"	1750	2650	→	35	460	160			PRODUCING

28a. Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→						

\*(See instructions and spaces for additional data on page 2)

RECEIVED  
AUG 06 2007

28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	

28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	

29. Disposition of Gas (Sold, used for fuel, vented, etc.)

**SOLD**

30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

31. Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas. Depth
Mesaverde	7657	9683		Wasatch	5115
Wasatch	5805	7542		Chapita Wells	5715
				Buck Canyon	6340
				North Horn	7067
				Mesaverde	7583
				Middle Price River	8324
				Lower Price River	9178
				Sego	9718

32. Additional remarks (include plugging procedure):

**SEE ATTACHED SHEET**

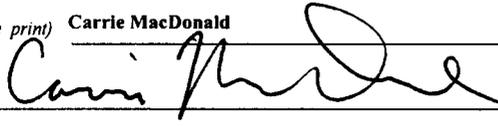
33. Indicate which items have been attached by placing a check in the appropriate boxes:

- Electrical/Mechanical Logs (1 full set req'd.)  
  Geologic Report  
  DST Report  
  Directional Survey  
 Sundry Notice for plugging and cement verification  
  Core Analysis  
  Other:

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)\*

Name (please print) Carrie MacDonald

Title Operations Clerk

Signature 

Date 03/10/2007

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**Hoss 12-31 - ADDITIONAL REMARKS (CONTINUED):**

**26. PERFORATION RECORD**

8320-8512	3/spf
7999-8222	3/spf
7657-7936	3/spf
7384-7542	2/spf
7076-7264	3/spf

**27. ACID, FRACTURE TREATMENT, CEMENT SQUEEZE, ETC.**

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Perforated the Middle Price River from 8831-8832', 8861-8862', 8870-8871', 8884-8885', 8908-8909', 8917-8918', 8939-8940', 8969-8970', 8981-8982', 9015-9016', 9049-9050', 9055-9056' w/ 2 spf.

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<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	<b>FORM 9</b>
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> UTU-61401
	<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>  _____
	<b>7. UNIT or CA AGREEMENT NAME:</b> BADLANDS
<b>1. TYPE OF WELL</b> Gas Well	<b>8. WELL NAME and NUMBER:</b> HOSS 12-31
<b>2. NAME OF OPERATOR:</b> EOG Resources, Inc.	<b>9. API NUMBER:</b> 43047386560000
<b>3. ADDRESS OF OPERATOR:</b> 1060 East Highway 40 , Vernal, UT, 84078	<b>PHONE NUMBER:</b> 435 781-9111 Ext
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 1980 FNL 1980 FEL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SWNE Section: 31 Township: 08.0S Range: 23.0E Meridian: S	<b>9. FIELD and POOL or WILDCAT:</b> NATURAL BUTTES
	<b>COUNTY:</b> UINTAH
	<b>STATE:</b> UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> <b>NOTICE OF INTENT</b> Approximate date work will start: 12/8/2009	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> <b>SUBSEQUENT REPORT</b> Date of Work Completion:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> <b>SPUD REPORT</b> Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> <b>DRILLING REPORT</b> Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER:

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

EOG Resources, Inc. respectfully requests authorization to Recomplete the referenced well as per the attached procedure.

**Accepted by the  
Utah Division of  
Oil, Gas and Mining**

Date: December 10, 2009  
 By: *Derek [Signature]*

<b>NAME (PLEASE PRINT)</b> Mickenzie Gates	<b>PHONE NUMBER</b> 435 781-9145	<b>TITLE</b> Operations Clerk
<b>SIGNATURE</b> N/A	<b>DATE</b> 12/8/2009	

**RECOMPLETION PROGRAM  
HOSS 12-31**

**HOSS 12-31**  
**1,980' FNL & 1,980' FEL (SW/NE)**  
**Section 31, T8S, R23E**  
**Uintah County, Utah**  
**Lat 40.081083 Long -109.366761 (NAD 27)**

**December 1, 2009**  
**EOG BPO WI: 100.00%**  
**EOG BPO NRI: 67.00%**  
**API# 43-047-38656**  
**AFE# 304262**

**WELL DATA:**

**ELEVATION:** 4,885' GL                      **KB:** 4,901' (16' KB)  
**TOTAL DEPTH:** 9,840' KB                      **PBTD:** 9,788' KB (Top of FC)

**CASING:** 9-5/8", 36#, J-55 STC set @ 2,581'. Cemented w/ 220 sx Class G cement, followed by w/ 200 sx Class G cement. Float held. Bump plug. No Returns. Top out w/ 890 sxs cmt in 6 stages. Cmt to surface.

4-1/2", 11.6#, HC P-110 set @ 9,832'. Cemented w/ 600 sx 50/50 Pozmix "G" & 1,545 sx 50/50 Pozmix "G". Bumped plug, float held. Partial Returns at end of job. Marker joints @ 7,599-621' (21') and 4,685-707' (22'). Cement Top est. @ 2,581'.

Twin                      N/A

EXISTING PERFS	SPF/Phasing	INTERVAL	FRAC #
9417-9418', 9437-9438', 9448-9449', 9453-9454', 9502-9503', 9509-9510', 9523-9524', 9541-9542', 9580-9581', 9594-9595', 9626-9627', 9682-9683'	3/120°	Lower Price River	1
9121-9122', 9137-9138', 9153-9154', 9161-9162', 9175-9176', 9224-9225', 9243-9244', 9260-9261', 9269-9270', 9285-9286', 9318-9319', 9328-9329'	2/180°	Lower Price River	2
8831-8832', 8861-8862', 8870-8871', 8884-8885', 8908-8909', 8917-8918', 8939-8940', 8969-8970', 8981-8982', 9015-9016', 9049-9050', 9055-9056'	2/180°	Middle Price River	3
8558-8559', 8575-8576', 8585-8586', 8594-8595', 8609-8610', 8624-8625', 8644-8645', 8661-8662', 8678-8679', 8700-8701', 8720-8721', 8731-8732', 8761-8762', 8771-8772'	2/180°	Middle Price River	4
8320-8321', 8332-8333', 8342-8343', 8352-8353', 8406-8407', 8419-8420', 8429-8430', 8456-8457', 8461-8462', 8470-8471', 8479-8480', 8511-8512'	3/120°	Middle Price River	5
7999-8000', 8005-8006', 8040-8041', 8048-8049', 8062-8063', 8095-8096', 8124-8125', 8153-8154', 8168-8169', 8174-8175', 8214-8215', 8221-8222'	3/120°	Upper Price River	6
7657-7658', 7702-7703', 7717-7718', 7723-7724', 7736-7737', 7742-7743', 7780-7781', 7794-7795', 7824-7825', 7835-7836', 7844-7845', 7935-7936'	3/120°	Upper Price River	7

**RECOMPLETION PROGRAM  
HOSS 12-31**

PROPOSED PERFS	SPF/Phasing	INTERVAL	FRAC #
7385-7386', 7412-7413', 7429-7430', 7433-7434', 7437-7438', 7448-7449', 7453-7454', 7458-7459', 7510-7511', 7513-7514', 7516-7517', 7520-7521', 7540-7541'	2/180°	North Horn	8
7075-7076', 7110-7111', 7117-7118', 7150-7151', 7177-7178', 7202-7203', 7220-7221', 7225-7226', 7251-7252', 7254-7255', 7258-7259', 7261-7262', 7265-7266'	2/180°	North Horn	9
6848-6849', 6851-6852', 6858-6859', 6890-6891', 6905-6906', 6923-6924', 6937-6938', 6946-6947', 6955-6956', 6993-6994', 7000-7001', 7019-7020', 7031-7032'	2/180°	Ba	10
6277-6278', 6346-6347', 6373-6374', 6394-6395', 6404-6405', 6414-6415', 6440-6441', 6458-6459', 6522-6523', 6557-6558', 6573-6574', 6629-6630', 6680-6681', 6715-6716'	2/180°	Ba	11
5805-5806', 5819-5822', 5825-5826', 5879-5880', 5885-5887', 5893-5897'	2/180°	Ca	12
5352-5355', 5358-5361', 5387-5389', 5420-5424'	2/180°	Pp	13

**PROCEDURE:**

1. MIRUSU. Kill well w/treated water. ND tree. NU 10M psig BOPE. PU 3-7/8" bit, 4-1/2" casing scraper, & 2-3/8" 4.7# N-80 EUE tubing. RIH to PBD. POH.
2. RUWL. Set 10K CFP @ **7,260'**. RDWL.
3. Test casing & BOPE to **8,500** psig. RUWL. Perforate **North Horn** intervals from **7,385'-7,541'** as shown using a 3-1/8" HSC ported casing gun. RDWL.
4. RU Service Company. Frac down casing per attached procedure. RD Service Company.
5. RUWL. Set Weatherford 10K composite frac plug @ **7,285'±**. Perforate **North Horn** intervals from **7,075'-7266'** as shown. RDWL.
6. RU Service Company. Frac down casing per attached procedure. RD Service Company.
7. RUWL. Set Weatherford 10K composite frac plug @ **7,050'±**. Perforate **Ba** intervals from **6,848'-7,032'** as shown. RDWL.
8. RU Service Company. Frac down casing per attached procedure. RD Service Company.
9. RUWL. Set Weatherford 10K composite frac plug @ **6,750'±**. Perforate **Ba** intervals from **6,277'-6,716'** as shown. RDWL.
10. RU Service Company. Frac down casing per attached procedure. RD Service Company.
11. RUWL. Set Weatherford 10K composite frac plug @ **5,920'±**. Perforate **Ca** intervals from **5,805'-5,897'** as shown. RDWL.

**RECOMPLETION PROGRAM  
HOSS 12-31**

12. RU Service Company. Frac down casing per attached procedure. RD Service Company.
13. RUWL. Set Weatherford 10K composite frac plug @ **5,460'±**. Perforate **Pp** intervals from **5,352'-5,355'** as shown. RDWL.
14. RU Service Company. Frac down casing per attached procedure. RD Service Company. Flow back immediately (if required, set a composite bridge plug at **5,310'±**). Following flowback, RIH w/3-7/8" bit & pump off sub. Drill out composite frac plugs. Clean out to PBTD. Land tubing @ **8,300'**. ND BOPE. NU 10M psig tree. Drop ball. Pump off bit & sub. Swab/flow test.
15. RDMOSU. Place well on production.

**PREPARED BY:**

\_\_\_\_\_  
**SHAY HOLTE, COMPLETIONS ENGINEER**

**APPROVED BY:**

\_\_\_\_\_  
**PAUL PENDLETON, OPERATIONS MANAGER**

<p><b>STATE OF UTAH</b>                  DEPARTMENT OF NATURAL RESOURCES                  DIVISION OF OIL, GAS, AND MINING</p>	<p><b>FORM 9</b></p>
<p><b>SUNDRY NOTICES AND REPORTS ON WELLS</b></p> <p>Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.</p>	<p><b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b>                  UTU-61401</p>
<p><b>1. TYPE OF WELL</b>                  Gas Well</p>	<p><b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b></p>
<p><b>2. NAME OF OPERATOR:</b>                  EOG Resources, Inc.</p>	<p><b>7. UNIT or CA AGREEMENT NAME:</b>                  BADLANDS</p>
<p><b>3. ADDRESS OF OPERATOR:</b>                  1060 East Highway 40 , Vernal, UT, 84078</p>	<p><b>8. WELL NAME and NUMBER:</b>                  HOSS 12-31</p>
<p><b>4. LOCATION OF WELL</b>                  FOOTAGES AT SURFACE:                  1980 FNL 1980 FEL  <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b>                  Qtr/Qtr: SWNE Section: 31 Township: 08.0S Range: 23.0E Meridian: S</p>	<p><b>9. API NUMBER:</b>                  43047386560000</p>
<p><b>PHONE NUMBER:</b>                  435 781-9111 Ext</p>	<p><b>9. FIELD and POOL or WILDCAT:</b>                  NATURAL BUTTES</p>
	<p><b>COUNTY:</b>                  UINTAH</p>
	<p><b>STATE:</b>                  UTAH</p>

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 4/12/2010	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER:

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

EOG Resources, Inc. has recompleted the referenced well as per the attached well chronology.

**Accepted by the  
 Utah Division of  
 Oil, Gas and Mining  
 FOR RECORD ONLY**  
 April 27, 2010

<p><b>NAME (PLEASE PRINT)</b>                  Mickenzie Gates</p>	<p><b>PHONE NUMBER</b>                  435 781-9145</p>	<p><b>TITLE</b>                  Operations Clerk</p>
<p><b>SIGNATURE</b>                  N/A</p>	<p><b>DATE</b>                  4/26/2010</p>	

**Cum Costs: Drilling** \$1,269,412 **Completion** \$960,250 **Well Total** \$2,229,662  
**MD** 9,840 **TVD** 9,840 **Progress** 0 **Days** 28 **MW** 0.0 **Visc** 0.0  
**Formation :** MESAVERDE, **PBTD :** 9788.0 **Perf :** 7076-9682 **PKR Depth :** 0.0  
 WASATCH

**Activity at Report Time:** FACILITY COST

Start	End	Hrs	Activity Description
06:00	06:00	24.0	FACILITY COST \$141,072

Event No	Description
2.0	RECOMPLETE

Operator	WI %	NRI %
EOG RESOURCES, INC	100.0	67.015

**AFE No** 310027 **AFE Total** 151,500 **DHC / CWC** 0/ 151,500

**Rig Contr** ROYAL WELL SERVICE **Rig Name** ROYAL RIG #1 **Start Date** 01-21-2010 **Release Date**

**01-21-2010** **Reported By** TERA CHRISTOFFERSEN

**DailyCosts: Drilling** \$0 **Completion** \$0 **Daily Total** \$0  
**Cum Costs: Drilling** \$1,269,412 **Completion** \$960,250 **Well Total** \$2,229,662

**MD** 9,840 **TVD** 9,840 **Progress** 0 **Days** 0 **MW** 0.0 **Visc** 0.0  
**Formation :** MESAVERDE/WASATCH **PBTD :** 9788.0 **Perf :** 7076-9682 **PKR Depth :** 0.0

**Activity at Report Time:** LOCATION DATA

Start	End	Hrs	Activity Description
06:00	06:00	24.0	LOCATION DATA

1980' FNL & 1980' FEL (SW/NE)  
 SECTION 31, T8S, R23E  
 UINTAH COUNTY, UTAH

LAT 40.081083, LONG 109.366761 (NAD 27)

OBJECTIVE: 9840' TD, MESAVERDE  
 DW/GAS  
 PONDEROSA PROSPECT  
 DD&A: CHAPITA WELLS DEEP  
 NATURAL BUTTES FIELD

LEASE: UTU- 61401

ELEVATION: 4885.6' NAT GL, 4885.0' PREP GL (DUE TO ROUNDING THE PREP GL WILL BE 4885'), 4901' KB (16')

EOG WI 100%, NRI 67.014938%

**01-26-2010** **Reported By** BAUSCH

**DailyCosts: Drilling** \$0 **Completion** \$7,259 **Daily Total** \$7,259  
**Cum Costs: Drilling** \$1,269,412 **Completion** \$967,509 **Well Total** \$2,236,921

**MD** 9,840 **TVD** 9,840 **Progress** 0 **Days** 0 **MW** 0.0 **Visc** 0.0

**Formation :** MESAVERDE/WASATCH      **PBTD :** 9788.0      **Perf :** 7076-9682      **PKR Depth :** 0.0

**Activity at Report Time:** PREP FOR FRAC

Start	End	Hrs	Activity Description
07:00	17:30	10.5	MIRUSU. FTP 400 PSIG. CP 400 PSIG. BLEW WELL DN. KILLED W/60 BBLS TFW. ND TREE & NU BOP. RIH TO TAG @ 9658'. POH, LD EXCESS TBG. TBG HAD NO SIGNS OF SCALE. SDFN.

**01-27-2010**      **Reported By**      BAUSCH

<b>DailyCosts: Drilling</b>	\$0	<b>Completion</b>	\$5,209	<b>Daily Total</b>	\$5,209
<b>Cum Costs: Drilling</b>	\$1,269,412	<b>Completion</b>	\$972,718	<b>Well Total</b>	\$2,242,130

<b>MD</b>	9,840	<b>TVD</b>	9,840	<b>Progress</b>	0	<b>Days</b>	0	<b>MW</b>	0.0	<b>Visc</b>	0.0
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**Formation :** MESAVERDE/WASATCH      **PBTD :** 9788.0      **Perf :** 7076-9682      **PKR Depth :** 0.0

**Activity at Report Time:** PREP FOR FRAC

Start	End	Hrs	Activity Description
07:00	15:30	8.5	SICP 700 PSIG. BLEW WELL DN. KILLED W/60 BBLS TFW. RIH W/3-7/8" MILL & SCRAPER TO 7100'. POH, LD TBG. ND BOP. NU FRAC VALVES. SDFN.

**01-28-2010**      **Reported By**      BAUSCH

<b>DailyCosts: Drilling</b>	\$0	<b>Completion</b>	\$11,340	<b>Daily Total</b>	\$11,340
<b>Cum Costs: Drilling</b>	\$1,269,412	<b>Completion</b>	\$984,058	<b>Well Total</b>	\$2,253,470

<b>MD</b>	9,840	<b>TVD</b>	9,840	<b>Progress</b>	0	<b>Days</b>	0	<b>MW</b>	0.0	<b>Visc</b>	0.0
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**Formation :** MESAVERDE/WASATCH      **PBTD :** 9788.0      **Perf :** 7031-9682      **PKR Depth :** 0.0

**Activity at Report Time:** PREP FOR FRAC

Start	End	Hrs	Activity Description
07:00	12:00	5.0	SICP 650 PSIG. BLEW WELL DN. KILLED W/30 BBLS TFW. RU CUTTERS WIRELINE. SET CBP @ 7050'. RU WSS. PRESSURE TESTED PLUG & CSG TO 6500 PSIG. PERFORATED BA FROM 6848'-49', 6851'-52', 6858'-59', 6890'-91', 6905'-06', 6923'-24', 6937'-38', 6946'-47', 6955'-56', 6993'-94', 7000'-01', 7019'-20' & 7031'-32' @ 2 SPF @ 180 DEG PHASING. RDWL. RDMOSU. PREP TO FRAC.

**02-04-2010**      **Reported By**      MCCURDY

<b>DailyCosts: Drilling</b>	\$0	<b>Completion</b>	\$88,821	<b>Daily Total</b>	\$88,821
<b>Cum Costs: Drilling</b>	\$1,269,412	<b>Completion</b>	\$1,072,879	<b>Well Total</b>	\$2,342,291

<b>MD</b>	9,840	<b>TVD</b>	9,840	<b>Progress</b>	0	<b>Days</b>	0	<b>MW</b>	0.0	<b>Visc</b>	0.0
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**Formation :** MESAVERDE/WASATCH      **PBTD :** 9788.0      **Perf :** 5352'-9682'      **PKR Depth :** 0.0

**Activity at Report Time:** PREP TO MIRUSU

Start	End	Hrs	Activity Description
06:00	06:00	24.0	RU HALLIBURTON, FRAC BA DOWN CASING W/110 GAL K-87 MICROBIOCIDE, 14705 GAL 16# LINEAR W/20000# 20/40 SAND @ 1-1.5 PPG, 14890 GAL 16# DELTA 140 W/42500# 20/40 SAND @ 2-4 PPG, MTP 6713 PSIG. MTR 50.1 BPM. ATP 5688 PSIG. ATR 40.5 BPM. ISIP 1768 PSIG. RD HALLIBURTON.

MIRU CUTTERS WIRELINE SET 6K CFP AT 6735'. PERFORATE Ba FROM 6277'-78', 6346'-47', 6373'-74', 6394'-95', 6404'-05', 6414'-15', 6440'-41', 6458'-59', 6522'-23', 6557'-58', 6573'-74', 6629'-30', 6680'-81', 6715'-16' @ 2 SPF & 180 DEGREE PHASING. RDWL. RU HALLIBURTON, FRAC DOWN CASING W/110 GAL K-87 MICROBIOCIDE, 28401 GAL 16# DELTA 140 W/56600# 20/40 SAND @ 1-4 PPG, MTP 6801 PSIG. MTR 49.7 BPM. ATP 6144 PSIG. ATR 28.7 BPM. ISIP 1596 PSIG. RD HALLIBURTON.

RUWL. SET 6K CFP AT 5930'. PERFORATE Ca FROM 5805'-06', 5819'-22', 5825'-26', 5879'-80', 5885'-87', 5893'-97' @ 2 SPF & 180 DEGREE PHASING. RDWL. RU HALLIBURTON, FRAC DOWN CASING W/110 GAL K-87 MICROBIOCID, 13847 GAL 16# DELTA 140 W/50600# 20/40 SAND @ 4 PPG, MTP 6361 PSIG. MTR 49.9 BPM. ATP 4153 PSIG. ATR 47.6 BPM. ISIP 438 PSIG. RD HALLIBURTON.

RUWL. SET 6K CFP AT 5448'. PERFORATE Pp FROM 5352'-55', 5358'-61', 5387'-89', 5420'-24' @ 2 SPF & 180 DEGREE PHASING. RDWL. RU HALLIBURTON, FRAC DOWN CASING W/110 GAL K-87 MICROBIOCIDE, 14206 GAL 16# DELTA 140 W/53800# 20/40 SAND @ 4 PPG, MTP 6261 PSIG. MTR 49.6 BPM. ATP 47.4 PSIG. ATR 47.4 BPM. ISIP 2640 PSIG. RD HALLIBURTON.

RUWL. SET 6K CBP AT 5263'. RD CUTTERS WIRELINE. SDFN.

<b>02-06-2010</b>		<b>Reported By</b>		POWELL							
<b>Daily Costs: Drilling</b>		\$0	<b>Completion</b>		\$88,821	<b>Daily Total</b>		\$88,821			
<b>Cum Costs: Drilling</b>		\$1,269,412	<b>Completion</b>		\$1,161,700	<b>Well Total</b>		\$2,431,112			
<b>MD</b>	9,840	<b>TVD</b>	9,840	<b>Progress</b>	0	<b>Days</b>	0	<b>MW</b>	0.0	<b>Visc</b>	0.0
<b>Formation :</b>		<b>PBTD : 9788.0</b>			<b>Perf : 5352'-9682'</b>		<b>PKR Depth : 0.0</b>				
MESAVERDE/WASATCH											
<b>Activity at Report Time:</b> SDFWE											
<b>Start</b>	<b>End</b>	<b>Hrs</b>	<b>Activity Description</b>								
07:00	16:00	9.0	MIRUSU. RU PUMP & TANK. WAIT ON BOPE. SDFWE.								

<b>02-09-2010</b>		<b>Reported By</b>		POWELL							
<b>Daily Costs: Drilling</b>		\$0	<b>Completion</b>		\$4,671	<b>Daily Total</b>		\$4,671			
<b>Cum Costs: Drilling</b>		\$1,269,412	<b>Completion</b>		\$1,166,371	<b>Well Total</b>		\$2,435,783			
<b>MD</b>	9,840	<b>TVD</b>	9,840	<b>Progress</b>	0	<b>Days</b>	0	<b>MW</b>	0.0	<b>Visc</b>	0.0
<b>Formation :</b>		<b>PBTD : 9788.0</b>			<b>Perf : 5352'-9682'</b>		<b>PKR Depth : 0.0</b>				
MESAVERDE/WASATCH											
<b>Activity at Report Time:</b> CLEAN OUT AFTER FRAC											
<b>Start</b>	<b>End</b>	<b>Hrs</b>	<b>Activity Description</b>								
07:00	15:00	8.0	ND FRAC TREE. NU BOPE. RIH W/ 3-7/8" BIT & PUMP OFF SUB. TAGGED CBP @ 5263'. RU TO DRILL OUT PLUGS. MIRU FOAM UNIT. SDFN.								

<b>02-10-2010</b>		<b>Reported By</b>		POWELL							
<b>Daily Costs: Drilling</b>		\$0	<b>Completion</b>		\$7,155	<b>Daily Total</b>		\$7,155			
<b>Cum Costs: Drilling</b>		\$1,269,412	<b>Completion</b>		\$1,173,526	<b>Well Total</b>		\$2,442,938			
<b>MD</b>	9,840	<b>TVD</b>	9,840	<b>Progress</b>	0	<b>Days</b>	0	<b>MW</b>	0.0	<b>Visc</b>	0.0
<b>Formation :</b>		<b>PBTD : 9788.0</b>			<b>Perf : 5352'-9682'</b>		<b>PKR Depth : 0.0</b>				
MESAVERDE/WASATCH											
<b>Activity at Report Time:</b> POH W/ BIT & PUMP OFF SUB											
<b>Start</b>	<b>End</b>	<b>Hrs</b>	<b>Activity Description</b>								
07:00	18:00	11.0	TRIED TO BREAK CIRCULATION BUT PRESSURED UP @ BIT. WAITED ON SLICK LINE TO RELEASE PUMP THROUGH PLUG. RELEASED PUMP THROUGH PLUG. SDFN.								

<b>02-11-2010</b>		<b>Reported By</b>		POWELL							
<b>Daily Costs: Drilling</b>		\$0	<b>Completion</b>		\$12,509	<b>Daily Total</b>		\$12,509			
<b>Cum Costs: Drilling</b>		\$1,269,412	<b>Completion</b>		\$1,186,035	<b>Well Total</b>		\$2,455,447			
<b>MD</b>	9,840	<b>TVD</b>	9,840	<b>Progress</b>	0	<b>Days</b>	0	<b>MW</b>	0.0	<b>Visc</b>	0.0

**Formation :** MESAVERDE/WASATCH      **PBTD :** 9788.0      **Perf :** 5352'-9682'      **PKR Depth :** 0.0

**Activity at Report Time:** DRILL OUT CBP PLUG @ 7050'. RIH TO PBTD.

Start	End	Hrs	Activity Description
07:00	17:00	10.0	POH W/ PLUGGED BIT & PUMP OFF SUB. RIH W/BIT & NEW PUMP OFF SUB. DRILLED OUT & CLEANED OUT PLUGS @ 5263', 5484', 5930' & 6735'. CIRCULATED OUT HEAVY SAND. POH ABOVE PERFS. SDFN.

**02-12-2010**      **Reported By**      POWELL

<b>DailyCosts: Drilling</b>	\$0	<b>Completion</b>	\$9,778	<b>Daily Total</b>	\$9,778
<b>Cum Costs: Drilling</b>	\$1,269,412	<b>Completion</b>	\$1,195,813	<b>Well Total</b>	\$2,465,225

<b>MD</b>	9,840	<b>TVD</b>	9,840	<b>Progress</b>	0	<b>Days</b>	0	<b>MW</b>	0.0	<b>Visc</b>	0.0
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**Formation :** MESAVERDE/WASATCH      **PBTD :** 9788.0      **Perf :** 5352'-9682'      **PKR Depth :** 0.0

**Activity at Report Time:** FLOW TEST

Start	End	Hrs	Activity Description
07:00	18:00	11.0	SICP 575 PSIG. RIH TO TAG @ 6939'. CLEANED OUT TO 7050'. DRILLED OUT & CLEANED OUT PLUG @ 7050'. RIH CLEANING OUT TO PBTD @ 9707'. HEAVY CSG SCALE @ 9110' TO 9707'. POH, LD TBG. LANDED TBG @ 8300' KB. ND BOPE & NU TREE. PUMP OFF BIT. RDMOSU.

FLOWED 2 HRS. 32/64" CHOKE. FTP 150 PSIG. CP 600 PSIG. 40 BFPH. RECOVERED 80 BLW. 2555 BLWTR.

TUBING DETAIL    LENGTH

- PUMP OFF SUB    1.10'
- 1 JT 2-3/8" 4.7# N-80 TBG    32.84'
- XN NIPPLE    1.10'
- 251 JTS 2-3/8" 4.7# N-80 TBG    8253.33'
- BELOW KB    12.00'
- LANDED @    8300.37' KB

**03-03-2010**      **Reported By**      DAVID BRINKERHOFF

<b>DailyCosts: Drilling</b>	\$0	<b>Completion</b>	\$11,780	<b>Daily Total</b>	\$11,780
<b>Cum Costs: Drilling</b>	\$1,269,412	<b>Completion</b>	\$1,207,593	<b>Well Total</b>	\$2,477,005

<b>MD</b>	9,840	<b>TVD</b>	9,840	<b>Progress</b>	0	<b>Days</b>	0	<b>MW</b>	0.0	<b>Visc</b>	0.0
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**Formation :** MESAVERDE/WASATCH      **PBTD :** 9788.0      **Perf :** 5352'-9682'      **PKR Depth :** 0.0

**Activity at Report Time:** SWABBING

Start	End	Hrs	Activity Description
06:00	18:00	12.0	2-23-10. SICP 1350 PSIG, TP=0 PSIG. IFL @ 4500'. MADE 15 SWAB RUNS. RECOVERED 140 BBLS. FFL @ 4000'. CP 1300 PSIG. SDFN. \$2380.

2-24-10. SICP=1250 PSIG, ITP=0 PSIG. IFL @ 4000'. MADE 15 SWAB RUNS. RECOVERED 140 BBLS. FFL @ 4000'. CP=1300 PSIG. SWIFN. \$2410.

2-26-10. SICP=1300 PSIG, ITP=0 PSIG. IFL @ 4000'. MADE 17 SWAB RUNS. RECOVERED 160 BBLS. FFL @ 4000'. CP 1300 PSIG. SWIFN. \$2460.

2-27-10. SICP=1300 PSIG, ITP=400 PSIG, BLEW WELL DOWN. IFL @ 4000'. MADE 16 SWAB RUNS. RECOVERED 130 BBLs. FFL @ 4000'. CP=1250 PSIG. SWIFN. \$2240

3-1-10. SICP=1300 PSIG, ITP=400 PSIG, BLEW WELL DOWN. IFL @ 4000'. MADE 14 SWAB RUNS. RECOVERED 130 BBLs. FFL @ 4000'. CP=1300 PSIG, TP=10 PSIG. SWIFN. \$2290

3-2-10. SICP=1300 PSIG, TP=400 PSIG. BLEW WELL DOWN, MADE 13 SWAB RUNS, RECOVERED 120 BBLs. FFL@4000'. CP=1300 PSIG, TP=0 PSIG. SWIFN. \$2460.

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<b>03-04-2010</b>	<b>Reported By</b>		DAVID BRINKERHOFF								
<b>DailyCosts: Drilling</b>	\$0		<b>Completion</b>	\$2,460		<b>Daily Total</b>	\$2,460				
<b>Cum Costs: Drilling</b>	\$1,269,412		<b>Completion</b>	\$1,210,053		<b>Well Total</b>	\$2,479,465				
<b>MD</b>	9,840	<b>TVD</b>	9,840	<b>Progress</b>	0	<b>Days</b>	0	<b>MW</b>	0.0	<b>Visc</b>	0.0
<b>Formation :</b>		<b>PBTD : 9788.0</b>			<b>Perf : 5352'-9682'</b>			<b>PKR Depth : 0.0</b>			
MESAVERDE/WASATCH											
<b>Activity at Report Time: SWABBING</b>											
<b>Start</b>	<b>End</b>	<b>Hrs</b>	<b>Activity Description</b>								
06:00	18:00	12.0	SICP=1300 PSIG, TP=0 PSIG. IFL@ 4000', MADE 8 SWAB RUNS, BLEW TO TANK FOR 2.5 HOURS, MADE 2 SWAB RUNS, BLEW TO TANK FOR 1.5 HOURS. RECOVERED 180 BBLs. CP=1300 PSIG, TP=50 PSIG. SWIFN. \$2460								

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<b>03-05-2010</b>	<b>Reported By</b>		DAVID BRINKERHOFF								
<b>DailyCosts: Drilling</b>	\$0		<b>Completion</b>	\$2,240		<b>Daily Total</b>	\$2,240				
<b>Cum Costs: Drilling</b>	\$1,269,412		<b>Completion</b>	\$1,212,293		<b>Well Total</b>	\$2,481,705				
<b>MD</b>	9,840	<b>TVD</b>	9,840	<b>Progress</b>	0	<b>Days</b>	0	<b>MW</b>	0.0	<b>Visc</b>	0.0
<b>Formation :</b>		<b>PBTD : 9788.0</b>			<b>Perf : 5352'-9682'</b>			<b>PKR Depth : 0.0</b>			
MESAVERDE/WASATCH											
<b>Activity at Report Time: SWABBING</b>											
<b>Start</b>	<b>End</b>	<b>Hrs</b>	<b>Activity Description</b>								
06:00	18:00	12.0	3-4-10 SWABBING. SICP=1200 PSIG, TP= 0 PSIG, IFL@4000'. MADE 8 SWAB RUNS, RECOVERED 140 BBLs, UNLOAD TO TANK FOR 3.5 HOURS. CP=1200 PSIG, TP=20 PSIG. \$2240								

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<b>03-06-2010</b>	<b>Reported By</b>		DAVID BRINKERHOFF								
<b>DailyCosts: Drilling</b>	\$0		<b>Completion</b>	\$1,850		<b>Daily Total</b>	\$1,850				
<b>Cum Costs: Drilling</b>	\$1,269,412		<b>Completion</b>	\$1,214,143		<b>Well Total</b>	\$2,483,555				
<b>MD</b>	9,840	<b>TVD</b>	9,840	<b>Progress</b>	0	<b>Days</b>	0	<b>MW</b>	0.0	<b>Visc</b>	0.0
<b>Formation :</b>		<b>PBTD : 9788.0</b>			<b>Perf : 5352'-9682'</b>			<b>PKR Depth : 0.0</b>			
MESAVERDE/WASATCH											
<b>Activity at Report Time: SWAB</b>											
<b>Start</b>	<b>End</b>	<b>Hrs</b>	<b>Activity Description</b>								
06:00	16:00	10.0	SICP:1200 PSIG TP: 0 PSIG IFL:4000'. MADE 10 RUN AND RECOVERED 60 BBLs. FFL: 4000' FTP: 10 PSIG CP: 1200 PSIG. NOTE: 5.5 HRS DOWN TO REPAIR RIG.								

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<b>03-09-2010</b>	<b>Reported By</b>		DAVID BRINKERHOFF								
<b>DailyCosts: Drilling</b>	\$0		<b>Completion</b>	\$1,850		<b>Daily Total</b>	\$1,850				
<b>Cum Costs: Drilling</b>	\$1,269,412		<b>Completion</b>	\$1,215,993		<b>Well Total</b>	\$2,485,405				
<b>MD</b>	9,840	<b>TVD</b>	9,840	<b>Progress</b>	0	<b>Days</b>	0	<b>MW</b>	0.0	<b>Visc</b>	0.0
<b>Formation :</b>		<b>PBTD : 9788.0</b>			<b>Perf : 5352'-9682'</b>			<b>PKR Depth : 0.0</b>			
MESAVERDE/WASATCH											



**DailyCosts: Drilling** \$0 **Completion** \$2,240 **Daily Total** \$2,240  
**Cum Costs: Drilling** \$1,269,412 **Completion** \$1,231,711 **Well Total** \$2,501,123  
**MD** 9,840 **TVD** 9,840 **Progress** 0 **Days** 0 **MW** 0.0 **Visc** 0.0  
**Formation :** **PBTD :** 9788.0 **Perf :** 5352'-9682' **PKR Depth :** 0.0  
 MESAVERDE/WASATCH

**Activity at Report Time: SWABBING**

Start	End	Hrs	Activity Description
06:00	18:00	12.0	3-11-2010 SWABBING. SICP=1350 PSIG, ITP=0 PSIG, IFL=4000 PSIG. MADE 7 SWAB RUNS, RECOVERED 80 BBLs, BLEW TO TANK FOR 5 HOURS. CP=1350 PSIG, TP=60 PSIG. \$2240.

**03-18-2010** **Reported By** POWELL

**DailyCosts: Drilling** \$0 **Completion** \$2,303 **Daily Total** \$2,303  
**Cum Costs: Drilling** \$1,269,412 **Completion** \$1,234,014 **Well Total** \$2,503,426  
**MD** 9,840 **TVD** 9,840 **Progress** 0 **Days** 0 **MW** 0.0 **Visc** 0.0  
**Formation :** **PBTD :** 9788.0 **Perf :** 5352'-9682' **PKR Depth :** 0.0  
 MESAVERDE/WASATCH

**Activity at Report Time: SWAB**

Start	End	Hrs	Activity Description
05:00	05:00	24.0	SICP 1050 PSIG. SWAB TBG. RECOVERED 65 BBLs. TBG 20 PSIG. CSG 1050 PSIG.

**03-19-2010** **Reported By** POWELL

**DailyCosts: Drilling** \$0 **Completion** \$2,303 **Daily Total** \$2,303  
**Cum Costs: Drilling** \$1,269,412 **Completion** \$1,236,317 **Well Total** \$2,505,729  
**MD** 9,840 **TVD** 9,840 **Progress** 0 **Days** 0 **MW** 0.0 **Visc** 0.0  
**Formation :** **PBTD :** 9788.0 **Perf :** 5352'-9682' **PKR Depth :** 0.0  
 MESAVERDE/WASATCH

**Activity at Report Time: SWAB & FLOW TEST**

Start	End	Hrs	Activity Description
05:00	05:00	24.0	CP 1100 PSIG. MIRU SWAB RIG. RECOVERED 59 BBLs SWABBING. FLOWED 17 HRS THROUGH 2" RECOVERED 37 BBLs.

**04-08-2010** **Reported By** BRINKERHOFF

**DailyCosts: Drilling** \$0 **Completion** \$2,270 **Daily Total** \$2,270  
**Cum Costs: Drilling** \$1,269,412 **Completion** \$1,238,587 **Well Total** \$2,507,999  
**MD** 9,840 **TVD** 9,840 **Progress** 0 **Days** 0 **MW** 0.0 **Visc** 0.0  
**Formation :** **PBTD :** 9788.0 **Perf :** 5352'-9682' **PKR Depth :** 0.0  
 MESAVERDE/WASATCH

**Activity at Report Time: SWABBING**

Start	End	Hrs	Activity Description
06:00	18:00	12.0	4-7-2010 SWABBING. SICP=1000 PSIG, SITP=1000 PSIG, BLEW WELL DOWN TO 60 PSIG, MADE 2 SWAB RUNS, BLEW TO TANK FOR 3 HOURS. CP=1100 PSIG, TP=5 PSIG. \$2270

**04-12-2010** **Reported By** BRINKERHOFF

**DailyCosts: Drilling** \$0 **Completion** \$1,960 **Daily Total** \$1,960  
**Cum Costs: Drilling** \$1,269,412 **Completion** \$1,240,547 **Well Total** \$2,509,959  
**MD** 9,840 **TVD** 9,840 **Progress** 0 **Days** 0 **MW** 0.0 **Visc** 0.0

**Formation :** MESAVERDE/WASATCH      **PBTD :** 9788.0      **Perf :** 5352'-9682'      **PKR Depth :** 0.0

**Activity at Report Time:** SWABBING

<b>Start</b>	<b>End</b>	<b>Hrs</b>	<b>Activity Description</b>
06:00	18:00	12.0	4-9-2010 SWABBING. SICP=1100 PSIG, SITP=600 PSIG, BLEW WELL DOWN, UNLOAD TO TANK FOR 6 HOURS, CP=1100 PSIG, TP=0 PSIG. \$1960

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**STATE OF UTAH**  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

AMENDED REPORT  FORM 8  
(highlight changes)

**WELL COMPLETION OR RECOMPLETION REPORT AND LOG**

5. LEASE DESIGNATION AND SERIAL NUMBER:  
**UTU-61401**

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT or CA AGREEMENT NAME

8. WELL NAME and NUMBER:  
**Hoss 12-31**

9. API NUMBER:  
**43-047-38656**

10. FIELD AND POOL, OR WILDCAT  
**Natural Buttes**

11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:  
**SWNE 31 8S 23E S**

12. COUNTY  
**Uintah**

13. STATE  
**UTAH**

1a. TYPE OF WELL: OIL WELL  GAS WELL  DRY  OTHER \_\_\_\_\_

b. TYPE OF WORK: NEW WELL  HORIZ. LATS.  DEEP-EN  RE-ENTRY  DIFF. RESVR.  OTHER **Recomplete**

2. NAME OF OPERATOR:  
**EOG RESOURCES, INC.**

3. ADDRESS OF OPERATOR:  
**1060 EAST HWY 40 VERNAL UT 84078** PHONE NUMBER:  
**(435) 781-9145**

4. LOCATION OF WELL (FOOTAGES)  
AT SURFACE: **1980 FNL & 1980 FEL 40.081047 Lat 109.367442 Lon**  
AT TOP PRODUCING INTERVAL REPORTED BELOW: **SAME**  
AT TOTAL DEPTH: **SAME**

14. DATE SPUDED: \_\_\_\_\_ 15. DATE T.D. REACHED: \_\_\_\_\_ 16. DATE COMPLETED:  
**4/12/2010** ABANDONED  READY TO PRODUCE

17. ELEVATIONS (DF, RKB, RT, GL):  
**4886' GL**

18. TOTAL DEPTH: MD \_\_\_\_\_ TVD \_\_\_\_\_ 19. PLUG BACK T.D.: MD \_\_\_\_\_ TVD \_\_\_\_\_

20. IF MULTIPLE COMPLETIONS, HOW MANY? \* \_\_\_\_\_ 21. DEPTH BRIDGE MD \_\_\_\_\_ PLUG SET: TVD \_\_\_\_\_

22. TYPE ELECTRIC AND OTHER MECHANICAL LOGS RUN (Submit copy of each)

23. WAS WELL CORED? NO  YES  (Submit analysis)  
WAS DST RUN? NO  YES  (Submit report)  
DIRECTIONAL SURVEY? NO  YES  (Submit copy)

**24. CASING AND LINER RECORD (Report all strings set in well)**

HOLE SIZE	SIZE/GRADE	WEIGHT (#/ft.)	TOP (MD)	BOTTOM (MD)	STAGE CEMENTER DEPTH	CEMENT TYPE & NO. OF SACKS	SLURRY VOLUME (BBL)	CEMENT TOP **	AMOUNT PULLED

**25. TUBING RECORD**

SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
<b>2.375</b>	<b>8,300</b>							

**26. PRODUCING INTERVALS**

FORMATION NAME	TOP (MD)	BOTTOM (MD)	TOP (TVD)	BOTTOM (TVD)
(A) Wasatch/Mesaverde	<b>5,352</b>	<b>9,683</b>		
(B)				
(C)				
(D)				

**27. PERFORATION RECORD**

INTERVAL (Top/Bot - MD)	SIZE	NO. HOLES	PERFORATION STATUS
<b>6,848 7,032</b>		<b>2/SPF</b>	Open <input type="checkbox"/> Squeezed <input type="checkbox"/>
<b>6,277 6,716</b>		<b>2/SPF</b>	Open <input type="checkbox"/> Squeezed <input type="checkbox"/>
<b>5,805 5,894</b>		<b>2/SPF</b>	Open <input type="checkbox"/> Squeezed <input type="checkbox"/>
<b>5,352 5,424</b>		<b>2/SPF</b>	Open <input type="checkbox"/> Squeezed <input type="checkbox"/>

**28. ACID, FRACTURE, TREATMENT, CEMENT SQUEEZE, ETC.**

DEPTH INTERVAL	AMOUNT AND TYPE OF MATERIAL
<b>6848-7032</b>	<b>29,705 GALS OF GELLED WATER &amp; 62,500# 20/40 SAND</b>
<b>6277-6715</b>	<b>28,511 GALS OF GELLED WATER &amp; 56,600# 20/40 SAND</b>
<b>5805-5897</b>	<b>13,957 GALS OF GELLED WATER &amp; 50,600# 20/40 SAND</b>

**29. ENCLOSED ATTACHMENTS:**

- ELECTRICAL/MECHANICAL LOGS       GEOLOGIC REPORT       DST REPORT       DIRECTIONAL SURVEY  
 SUNDRY NOTICE FOR PLUGGING AND CEMENT VERIFICATION       CORE ANALYSIS       OTHER: \_\_\_\_\_

**30. WELL STATUS:**  
**PRODUCING**

**RECEIVED**

**JUN 01 2010**

DIV. OF OIL, GAS & MINING

## 31. INITIAL PRODUCTION

## INTERVAL A (As shown in item #26)

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD: Flows
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS: Producing

## INTERVAL B (As shown in item #26)

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:

## INTERVAL C (As shown in item #26)

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:

## INTERVAL D (As shown in item #26)

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:

## 32. DISPOSITION OF GAS (Sold, Used for Fuel, Vented, Etc.)

## 33. SUMMARY OF POROUS ZONES (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

## 34. FORMATION (Log) MARKERS:

Formation	Top (MD)	Bottom (MD)	Descriptions, Contents, etc.	Name	Top (Measured Depth)
Wasatch/Mesaverde	5,352	9,683			

## 35. ADDITIONAL REMARKS (Include plugging procedure)

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records.

NAME (PLEASE PRINT) Mickenzie Gates TITLE Operations Clerk  
 SIGNATURE *Mickenzie Gates* DATE 5/27/2010

This report must be submitted within 30 days of

- completing or plugging a new well
- drilling horizontal laterals from an existing well bore
- recompleting to a different producing formation
- reentering a previously plugged and abandoned well
- significantly deepening an existing well bore below the previous bottom-hole depth
- drilling hydrocarbon exploratory holes, such as core samples and stratigraphic tests

\* ITEM 20: Show the number of completions if production is measured separately from two or more formations.

\*\* ITEM 24: Cement Top – Show how reported top(s) of cement were determined (circulated (CIR), calculated (CAL), cement bond log (CBL), temperature survey (TS)).

Send to: Utah Division of Oil, Gas and Mining  
 1594 West North Temple, Suite 1210  
 Box 145801  
 Salt Lake City, Utah 84114-5801

Phone: 801-538-5340  
 Fax: 801-359-3940

*Hoss 12-31* - ADDITIONAL REMARKS (CONTINUED):

**27. ACID, FRACTURE TREATMENT, CEMENT SQUEEZE, ETC.**

5352-5424	14,316 GALS GELLED WATER & 53,800# 20/40 SAND
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Perforated the Ba from 6848'-49', 6851'-52', 6858'-59', 6890'-91', 6905'-06', 9623'-24', 6937'-38', 6946'-47', 6955'-56', 6993'-94', 7000'-01', 7019'-20', 7031'-32' w/ 2 spf.

Perforated the Ba from 6277'-78', 6346'-47', 6373'-74', 6394'-95', 6404'-05', 6414'-15', 6440'-41', 6458'-59', 6522'-23', 6557'-58', 6573'-74', 6629'-30', 6680'-81', 6715'-16' w/ 2 spf.

Perforated the Ca from 5805'-06', 5819'-22', 5825'-26', 5879'-80', 5885'-87', 5893'-97' w/ 2 spf.

Perforated the Pp from 5352'-55', 5358'-61', 5387'-89', 5420'-24' w/ 2 spf.

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	<b>FORM 9</b>  <b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> UTU-61401
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>  <b>7. UNIT or CA AGREEMENT NAME:</b> BADLANDS
<b>1. TYPE OF WELL</b> Gas Well	<b>8. WELL NAME and NUMBER:</b> HOSS 12-31
<b>2. NAME OF OPERATOR:</b> EOG Resources, Inc.	<b>9. API NUMBER:</b> 43047386560000
<b>3. ADDRESS OF OPERATOR:</b> 600 17th Street, Suite 1000 N , Denver, CO, 80202	<b>PHONE NUMBER:</b> 435 781-9111 Ext
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 1980 FNL 1980 FEL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SWNE Section: 31 Township: 08.0S Range: 23.0E Meridian: S	<b>9. FIELD and POOL or WILDCAT:</b> NATURAL BUTTES  <b>COUNTY:</b> UINTAH  <b>STATE:</b> UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> <b>NOTICE OF INTENT</b> Approximate date work will start: 2/22/2011  <input type="checkbox"/> <b>SUBSEQUENT REPORT</b> Date of Work Completion:  <input type="checkbox"/> <b>SPUD REPORT</b> Date of Spud:  <input type="checkbox"/> <b>DRILLING REPORT</b> Report Date:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input checked="" type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION  OTHER: <input type="text" value="Install H2S treater"/>

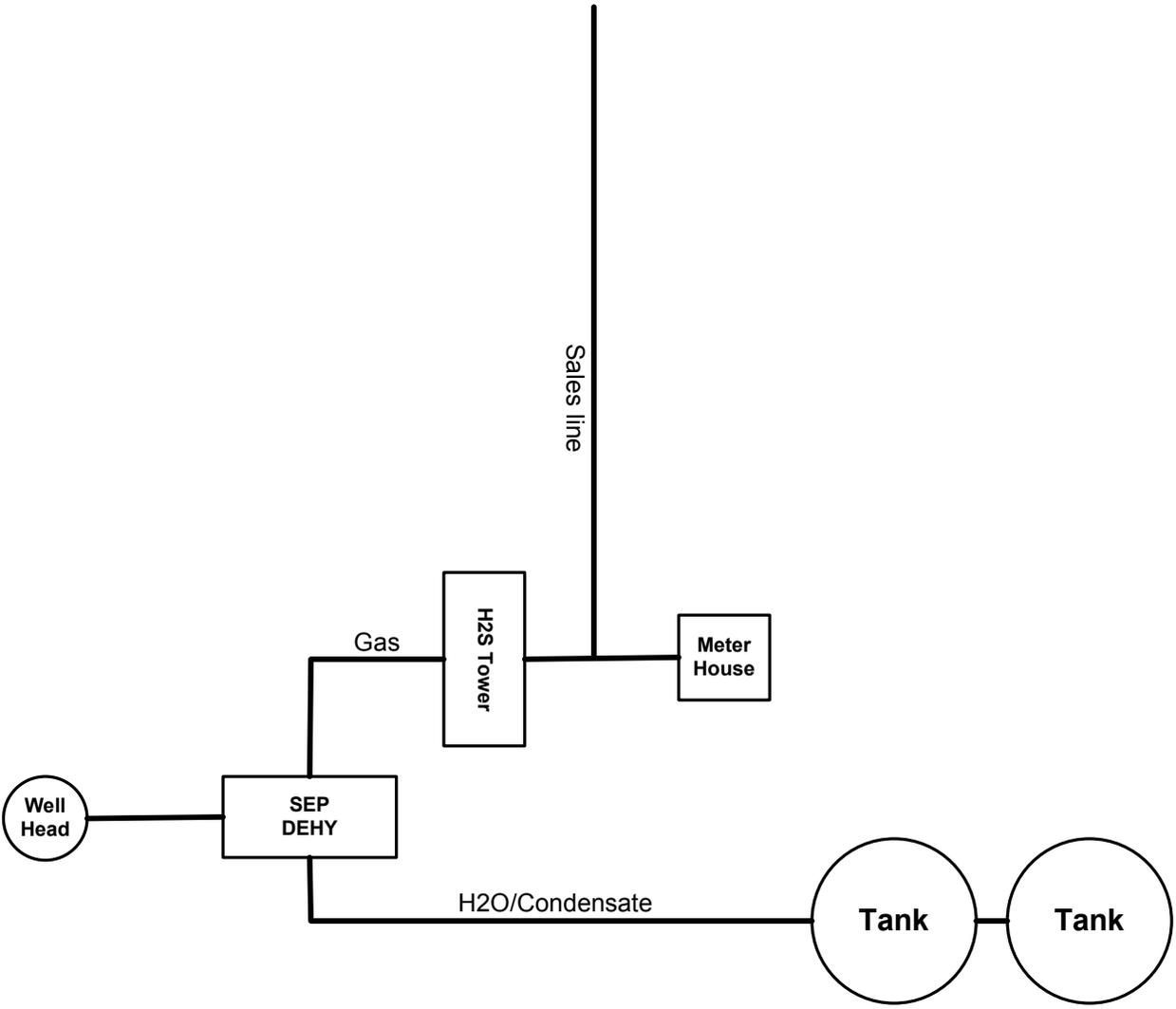
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

EOG Resources, Inc. requests authorization to install an H2S treater tower on the above referenced well pad. The proposed tower will be installed on existing disturbance; no new disturbance will be required. Attached is a diagram showing the general placement of the facilities.

**Accepted by the  
Utah Division of  
Oil, Gas and Mining**

Date: 02/03/2011  
 By: *Derek Quist*

<b>NAME (PLEASE PRINT)</b> Mary Maestas	<b>PHONE NUMBER</b> 303 824-5526	<b>TITLE</b> Regulatory Assistant
<b>SIGNATURE</b> N/A		<b>DATE</b> 2/3/2011



<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9  5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-61401
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<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:  7. UNIT or CA AGREEMENT NAME: BADLANDS
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1. TYPE OF WELL Gas Well	8. WELL NAME and NUMBER: HOSS 12-31
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2. NAME OF OPERATOR: EOG RESOURCES, INC.	9. API NUMBER: 43047386560000
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3. ADDRESS OF OPERATOR: 600 17th Street, Suite 1000 N , Denver, CO, 80202	PHONE NUMBER: 435 781-9111 Ext	9. FIELD and POOL or WILDCAT: NATURAL BUTTES
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4. LOCATION OF WELL FOOTAGES AT SURFACE: 1980 FNL 1980 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWNE Section: 31 Township: 08.0S Range: 23.0E Meridian: S	COUNTY: UINTAH  STATE: UTAH
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11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> <b>NOTICE OF INTENT</b> Approximate date work will start: 3/14/2014  <input type="checkbox"/> <b>SUBSEQUENT REPORT</b> Date of Work Completion:  <input type="checkbox"/> <b>SPUD REPORT</b> Date of Spud:  <input type="checkbox"/> <b>DRILLING REPORT</b> Report Date:	<input type="checkbox"/> ACIDIZE  <input type="checkbox"/> CHANGE TO PREVIOUS PLANS  <input type="checkbox"/> CHANGE WELL STATUS  <input type="checkbox"/> DEEPEN  <input type="checkbox"/> OPERATOR CHANGE  <input type="checkbox"/> PRODUCTION START OR RESUME  <input type="checkbox"/> REPERFORATE CURRENT FORMATION  <input type="checkbox"/> TUBING REPAIR  <input type="checkbox"/> WATER SHUTOFF  <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING  <input type="checkbox"/> CHANGE TUBING  <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS  <input type="checkbox"/> FRACTURE TREAT  <input type="checkbox"/> PLUG AND ABANDON  <input type="checkbox"/> RECLAMATION OF WELL SITE  <input type="checkbox"/> SIDETRACK TO REPAIR WELL  <input type="checkbox"/> VENT OR FLARE  <input type="checkbox"/> SI TA STATUS EXTENSION  <input checked="" type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR  <input type="checkbox"/> CHANGE WELL NAME  <input type="checkbox"/> CONVERT WELL TYPE  <input type="checkbox"/> NEW CONSTRUCTION  <input type="checkbox"/> PLUG BACK  <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION  <input type="checkbox"/> TEMPORARY ABANDON  <input type="checkbox"/> WATER DISPOSAL  <input type="checkbox"/> APD EXTENSION  OTHER: <input style="width: 100px;" type="text"/>

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

EOG Resources, Inc. respectfully requests authorization to install a 145 HP Caterpillar G3306 or equivalent skid mounted gas engine at Hoss 12-21, install an associated H2S treatment facility and install a carport type building over the compressor on the existing well. No new surface disturbance will be required. The compressor will be used for gas lift on the Hoss 12-21. An updated site facility diagram will follow post installation.

**Accepted by the  
 Utah Division of  
 Oil, Gas and Mining  
 FOR RECORD ONLY  
 March 11, 2014**

NAME (PLEASE PRINT) Donna J Skinner	PHONE NUMBER 303 262-9467	TITLE Sr. Regulatory Assistant
SIGNATURE N/A	DATE 3/6/2014	